

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071923\
 Data File : VD076800.D
 Acq On : 19 Jul 2023 19:38
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 20 05:02:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	148038	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	259437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	248989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	117233	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	76537	51.907	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.820%	
35) Dibromofluoromethane	7.805	113	88335	54.183	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.360%	
50) Toluene-d8	10.269	98	304674	52.239	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.480%	
62) 4-Bromofluorobenzene	12.575	95	95156	50.434	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.860%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.929	85	59463	51.366	ug/l	95
3) Chloromethane	2.146	50	99511	49.831	ug/l	96
4) Vinyl Chloride	2.276	62	143222	53.802	ug/l	99
5) Bromomethane	2.681	94	105151	48.009	ug/l	97
6) Chloroethane	2.828	64	104827	52.156	ug/l	97
7) Trichlorofluoromethane	3.170	101	126371	53.351	ug/l	99
8) Diethyl Ether	3.587	74	41618	51.032	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.958	101	84433	54.228	ug/l	96
10) Methyl Iodide	4.158	142	94828	54.028	ug/l	92
11) Tert butyl alcohol	5.052	59	26192	238.045	ug/l	# 90
12) 1,1-Dichloroethene	3.928	96	73589	50.305	ug/l	86
13) Acrolein	3.793	56	14428	192.422	ug/l	99
14) Allyl chloride	4.552	41	97374	50.672	ug/l	91
15) Acrylonitrile	5.252	53	105520	263.440	ug/l	99
16) Acetone	4.017	43	71105	201.921	ug/l	# 85
17) Carbon Disulfide	4.264	76	168595	49.345	ug/l	96
18) Methyl Acetate	4.558	43	71279	53.875	ug/l	92
19) Methyl tert-butyl Ether	5.322	73	197060	50.233	ug/l	97
20) Methylene Chloride	4.799	84	102694	48.709	ug/l	94
21) trans-1,2-Dichloroethene	5.305	96	88624	52.119	ug/l	99
22) Diisopropyl ether	6.217	45	244081	53.638	ug/l	96
23) Vinyl Acetate	6.152	43	590757m	262.381	ug/l	
24) 1,1-Dichloroethane	6.105	63	165233	53.855	ug/l	95
25) 2-Butanone	7.081	43	119841	254.283	ug/l	91
26) 2,2-Dichloropropane	7.075	77	127579	48.238	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	108524	51.772	ug/l	95
28) Bromochloromethane	7.428	49	36844	48.033	ug/l	82
29) Tetrahydrofuran	7.440	42	75694	271.835	ug/l	90
30) Chloroform	7.593	83	185115	55.087	ug/l	91
31) Cyclohexane	7.875	56	110499	50.921	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	147727	54.486	ug/l	98
36) 1,1-Dichloropropene	8.005	75	118823	55.775	ug/l	97
37) Ethyl Acetate	7.164	43	53692	56.356	ug/l	98
38) Carbon Tetrachloride	7.987	117	118485	58.084	ug/l	97
39) Methylcyclohexane	9.275	83	133886	54.428	ug/l	94
40) Benzene	8.246	78	372018	55.344	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	31211	53.646	ug/l #	90
42) 1,2-Dichloroethane	8.322	62	96901	55.482	ug/l	98
43) Isopropyl Acetate	8.358	43	100696	54.157	ug/l	93
44) Trichloroethene	9.028	130	99078	54.090	ug/l	99
45) 1,2-Dichloropropane	9.305	63	97873	56.406	ug/l	99
46) Dibromomethane	9.393	93	55908	55.046	ug/l	91
47) Bromodichloromethane	9.581	83	141562	55.541	ug/l	97
48) Methyl methacrylate	9.381	41	45111	53.307	ug/l	88
49) 1,4-Dioxane	9.387	88	13129	1008.936	ug/l #	95
51) 4-Methyl-2-Pentanone	10.157	43	285384	288.274	ug/l	94
52) Toluene	10.334	92	240601	54.499	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	127763	54.006	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	148271	53.180	ug/l #	88
55) 1,1,2-Trichloroethane	10.734	97	82167	55.401	ug/l	98
56) Ethyl methacrylate	10.599	69	97217	56.792	ug/l #	89
57) 1,3-Dichloropropane	10.875	76	130856	54.178	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	169992	256.551	ug/l	95
59) 2-Hexanone	10.922	43	192662	272.742	ug/l	92
60) Dibromochloromethane	11.075	129	96304	55.895	ug/l	98
61) 1,2-Dibromoethane	11.181	107	72740	52.901	ug/l	99
64) Tetrachloroethene	10.810	164	75722	53.334	ug/l	93
65) Chlorobenzene	11.604	112	263085	52.536	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	97980	52.553	ug/l	97
67) Ethyl Benzene	11.681	91	465195	52.896	ug/l	99
68) m/p-Xylenes	11.793	106	362554	107.341	ug/l	91
69) o-Xylene	12.122	106	168867	51.701	ug/l	93
70) Styrene	12.134	104	304026	53.173	ug/l	98
71) Bromoform	12.299	173	55396	54.251	ug/l #	97
73) Isopropylbenzene	12.422	105	449864	52.891	ug/l	95
74) N-amyl acetate	12.234	43	96098	53.630	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.669	83	99669	54.577	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	60008m	53.825	ug/l	
77) Bromobenzene	12.699	156	99752	50.809	ug/l	85
78) n-propylbenzene	12.763	91	557952	54.110	ug/l	95
79) 2-Chlorotoluene	12.851	91	299028	52.890	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	370553	53.879	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	26990	51.523	ug/l	98
82) 4-Chlorotoluene	12.946	91	310437	52.559	ug/l	94
83) tert-Butylbenzene	13.163	119	331746	54.784	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	368795	52.475	ug/l	97
85) sec-Butylbenzene	13.346	105	502339	54.296	ug/l	95
86) p-Isopropyltoluene	13.457	119	419093	54.850	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	212566	52.640	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	208555	52.714	ug/l	98
89) n-Butylbenzene	13.787	91	400291	53.538	ug/l	98
90) Hexachloroethane	14.051	117	83416	59.051	ug/l	82
91) 1,2-Dichlorobenzene	13.828	146	187139	52.593	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	13824	53.091	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	111149	51.166	ug/l	96
94) Hexachlorobutadiene	15.198	225	53581	51.285	ug/l	99
95) Naphthalene	15.328	128	241884	51.425	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	97678	50.106	ug/l	98

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QLast Update : Mon Jul 17 08:07:52 2023
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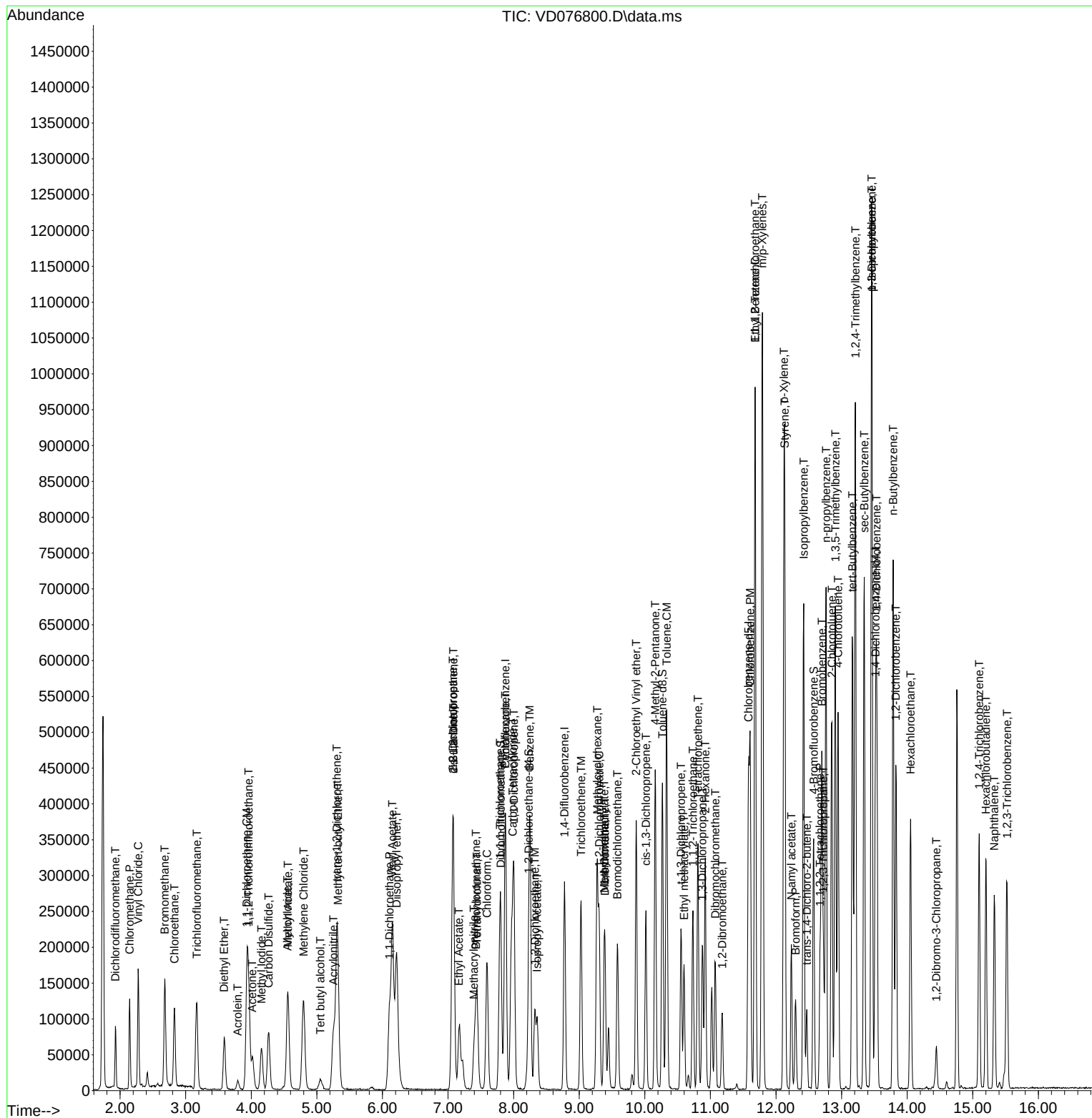
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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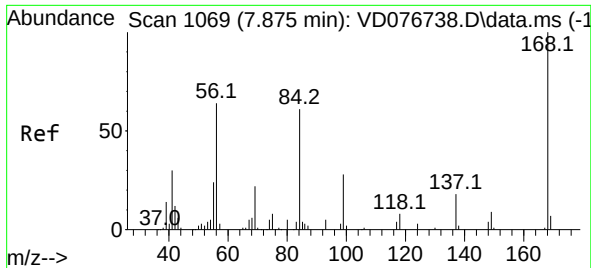
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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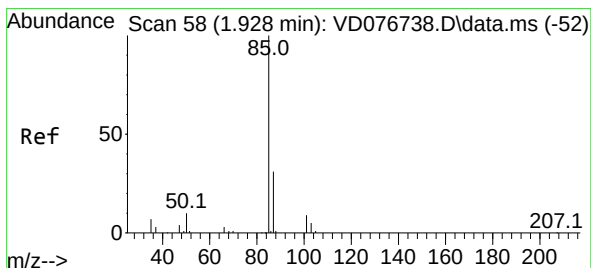
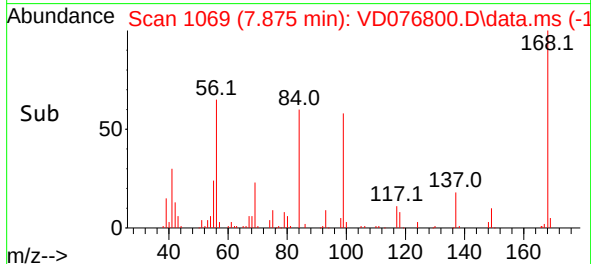
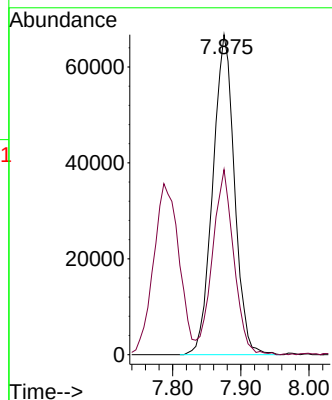
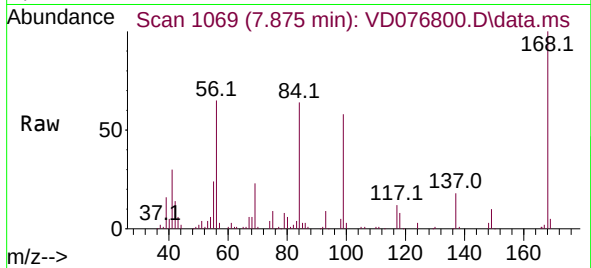




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076800.D
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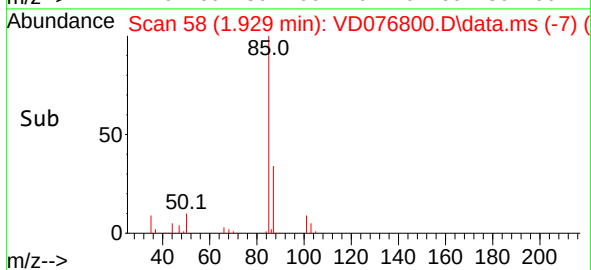
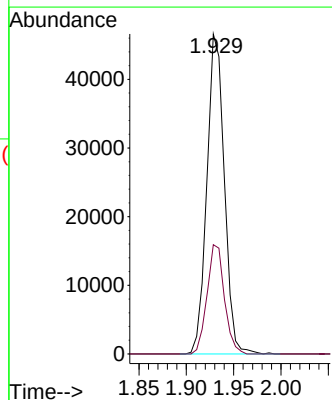
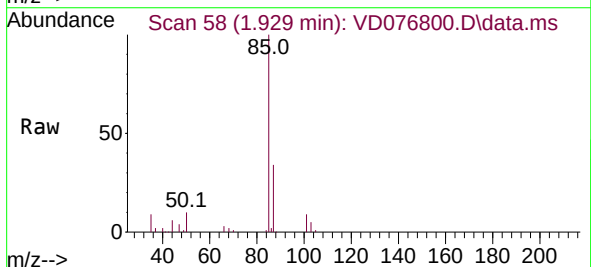
Instrument :
MSVOA_D
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VSTDCCC050EC

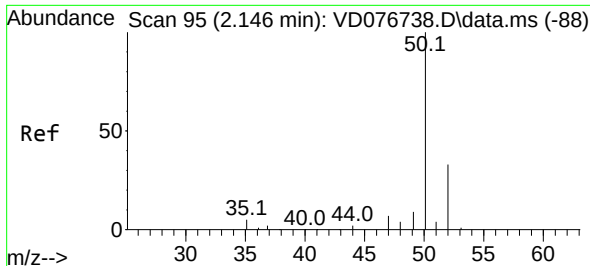
Tgt Ion:168 Resp: 148038
Ion Ratio Lower Upper
168 100
99 57.9 36.7 55.1#



#2
Dichlorodifluoromethane
Concen: 51.366 ug/l
RT: 1.929 min Scan# 58
Delta R.T. 0.001 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

Tgt Ion: 85 Resp: 59463
Ion Ratio Lower Upper
85 100
87 34.2 15.7 47.0

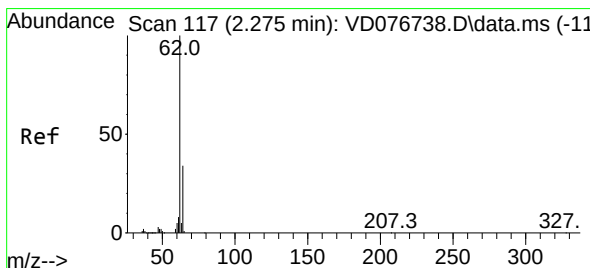
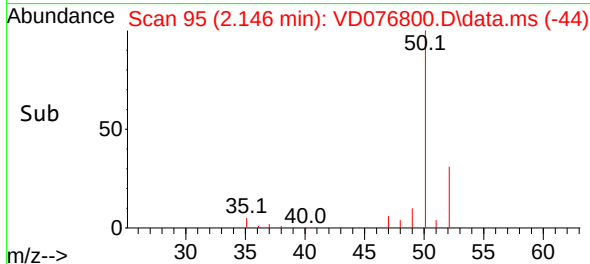
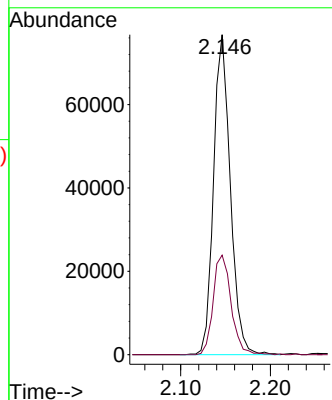
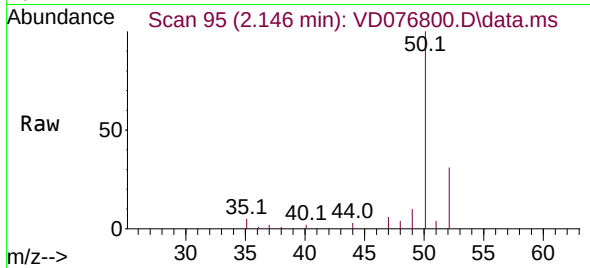




#3
Chloromethane
Concen: 49.831 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

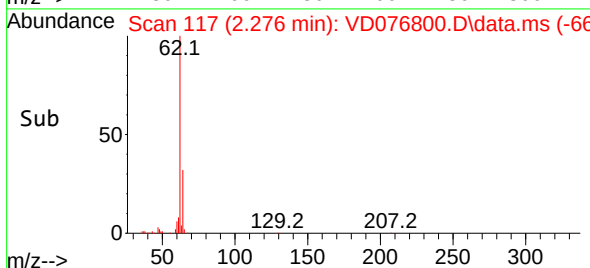
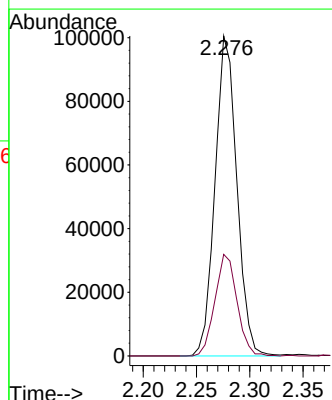
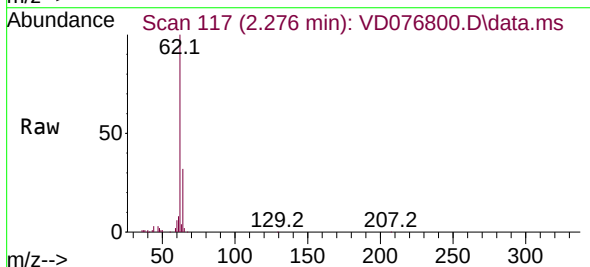
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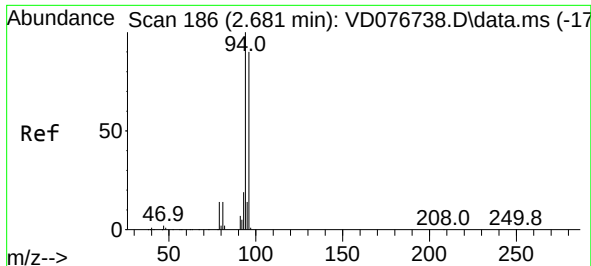
Tgt Ion: 50 Resp: 99511
Ion Ratio Lower Upper
50 100
52 31.1 26.6 40.0



#4
Vinyl Chloride
Concen: 53.802 ug/l
RT: 2.276 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

Tgt Ion: 62 Resp: 143222
Ion Ratio Lower Upper
62 100
64 31.8 26.0 39.0

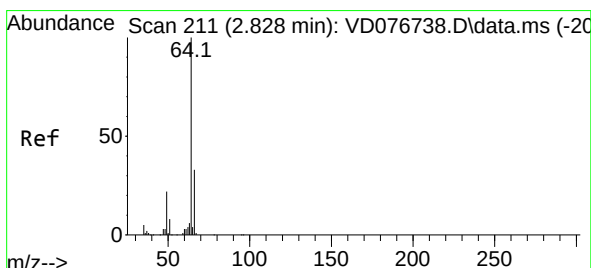
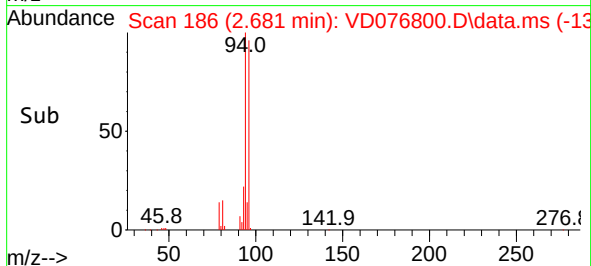
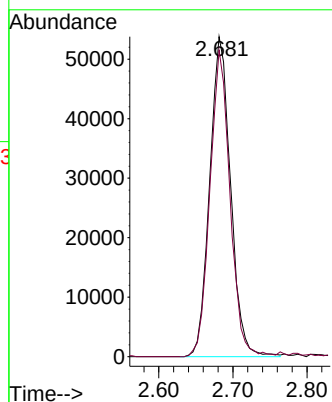
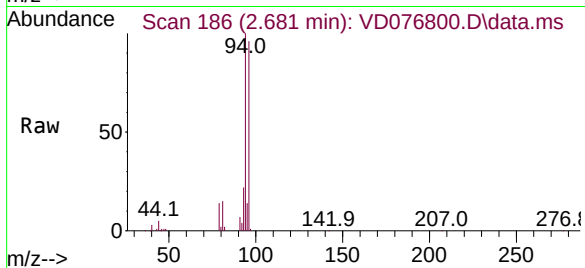




#5
Bromomethane
Concen: 48.009 ug/l
RT: 2.681 min Scan# 186
Delta R.T. 0.000 min
Lab File: VD076800.D
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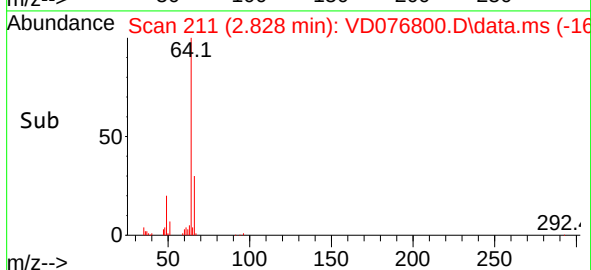
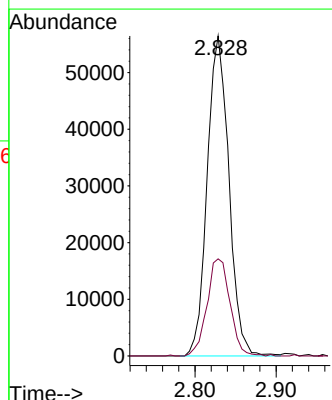
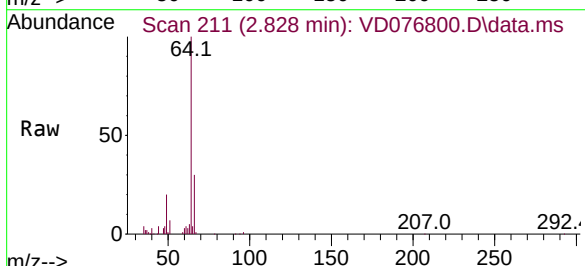
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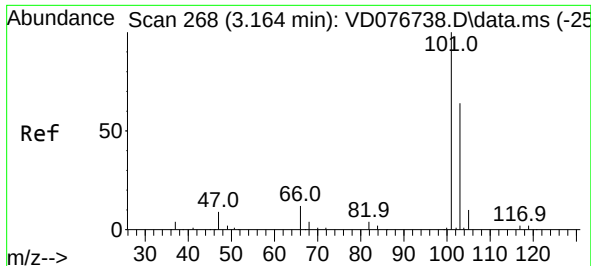
Tgt Ion: 94 Resp: 105151
Ion Ratio Lower Upper
94 100
96 92.3 75.8 113.8



#6
Chloroethane
Concen: 52.156 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

Tgt Ion: 64 Resp: 104827
Ion Ratio Lower Upper
64 100
66 30.4 25.5 38.3

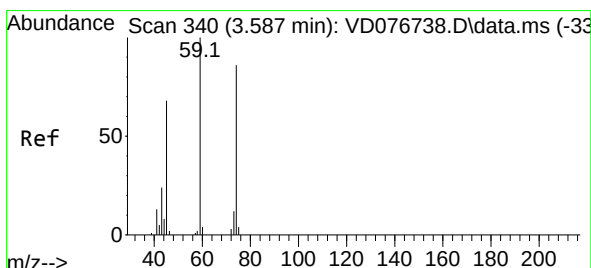
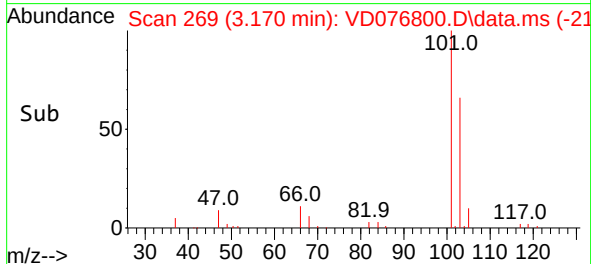
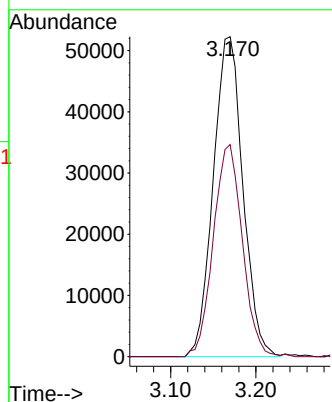
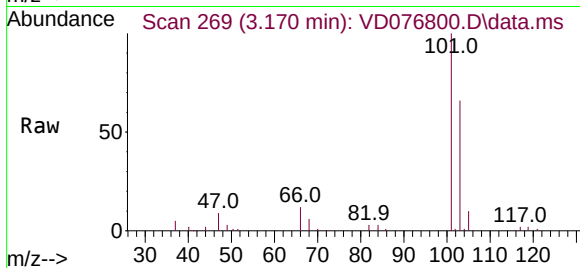




#7
Trichlorofluoromethane
Concen: 53.351 ug/l
RT: 3.170 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

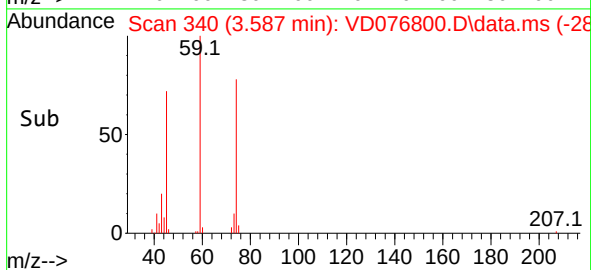
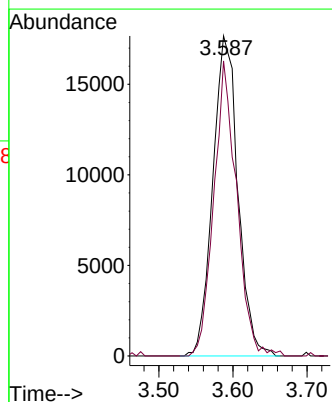
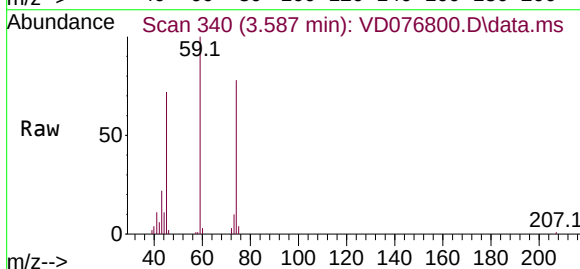
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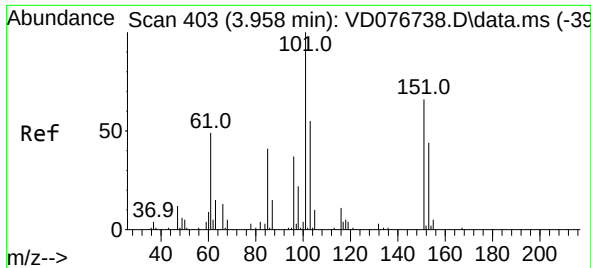
Tgt Ion:101 Resp: 126371
Ion Ratio Lower Upper
101 100
103 66.3 52.3 78.5



#8
Diethyl Ether
Concen: 51.032 ug/l
RT: 3.587 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD076800.D
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Tgt Ion: 74 Resp: 41618
Ion Ratio Lower Upper
74 100
45 84.0 37.5 112.7

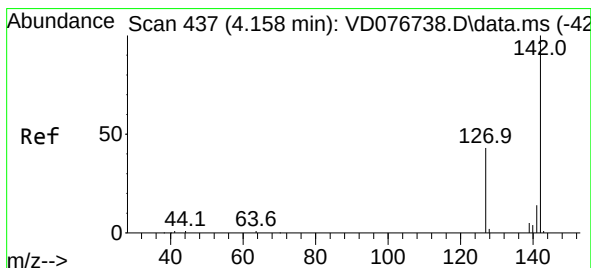
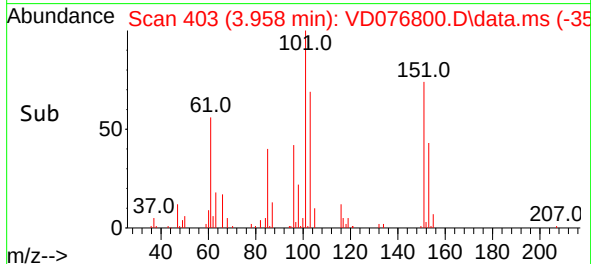
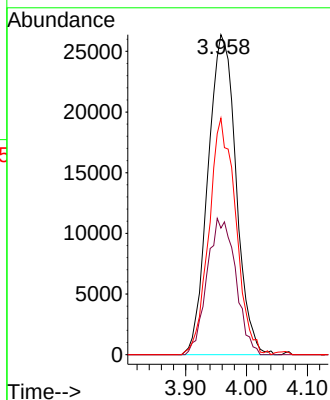
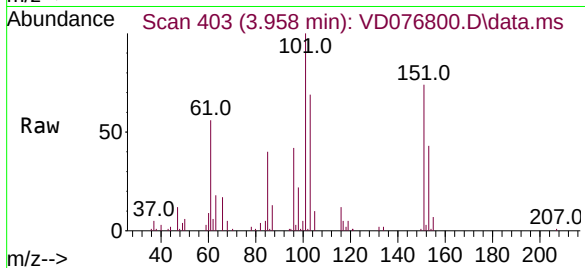




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.228 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

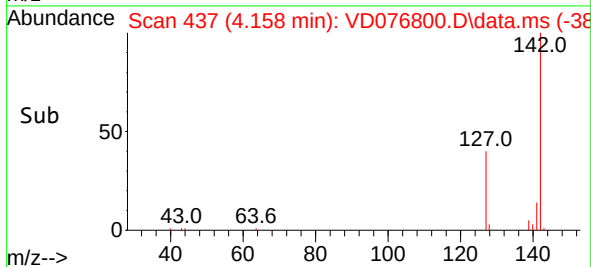
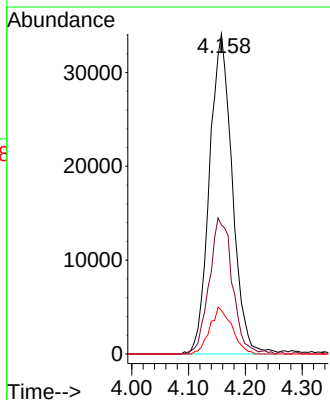
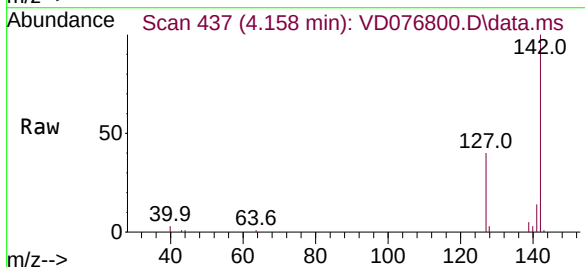
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

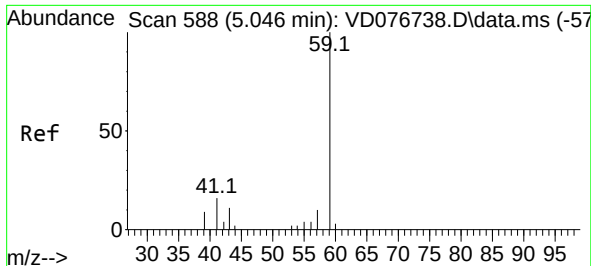
Tgt Ion:101	Resp:	84433
Ion Ratio	Lower	Upper
101	100	
85	43.6	33.8 50.6
151	70.7	59.8 89.6



#10
Methyl Iodide
Concen: 54.028 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

Tgt Ion:142	Resp:	94828
Ion Ratio	Lower	Upper
142	100	
127	43.5	29.4 44.0
141	14.2	11.1 16.7

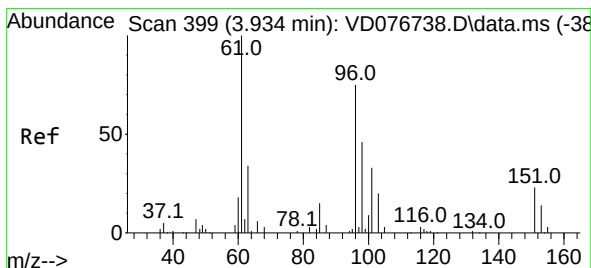
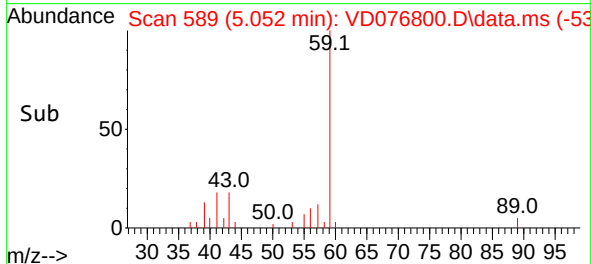
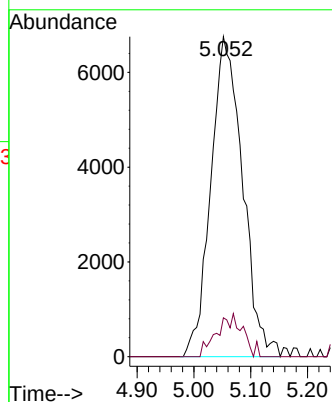
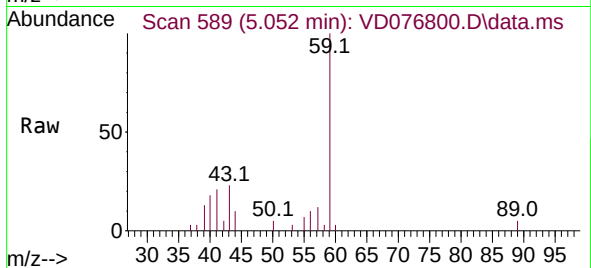




#11
Tert butyl alcohol
Concen: 238.045 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

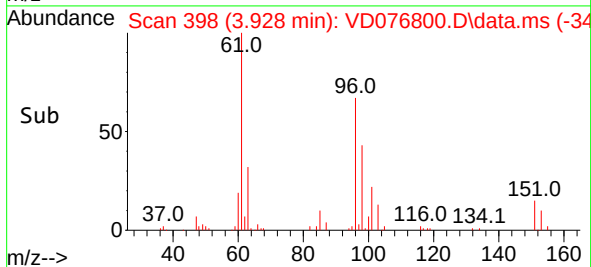
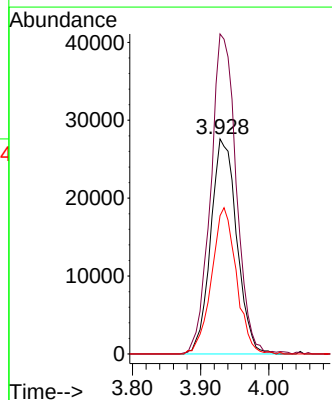
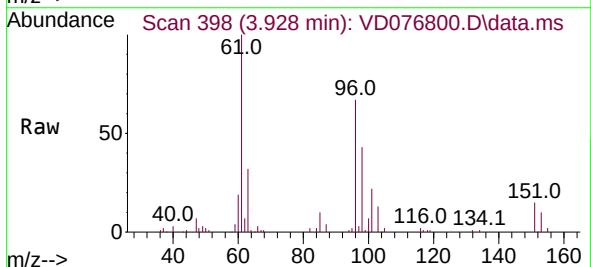
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

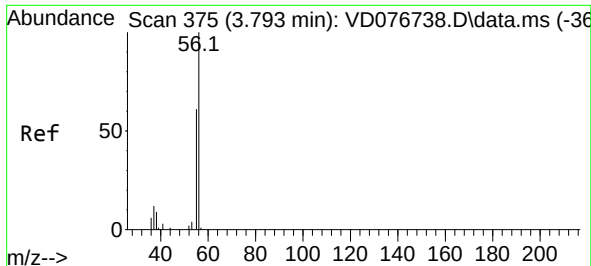
Tgt Ion: 59 Resp: 26192
Ion Ratio Lower Upper
59 100
57 6.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 50.305 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.006 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

Tgt Ion: 96 Resp: 73589
Ion Ratio Lower Upper
96 100
61 148.8 100.6 150.8
98 64.3 50.2 75.2





#13

Acrolein

Concen: 192.422 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD076800.D

Acq: 19 Jul 2023 19:38

Instrument :

MSVOA_D

ClientSampleId :

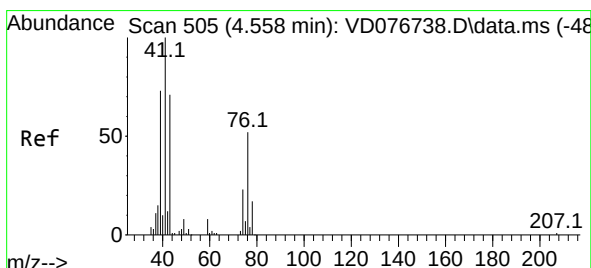
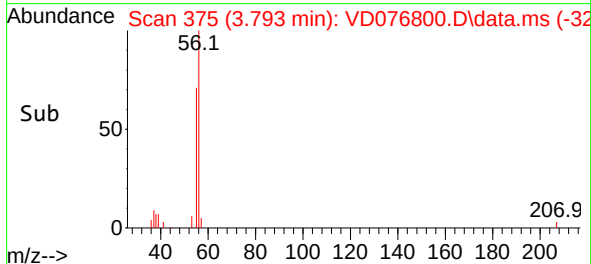
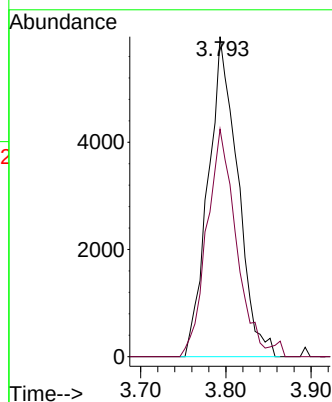
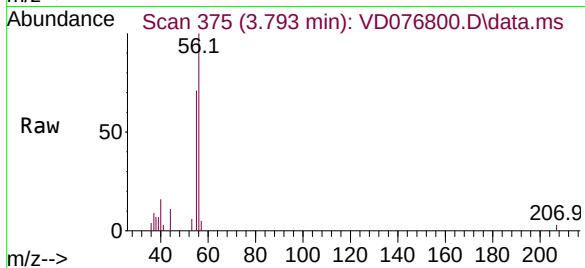
VSTDCCC050EC

Tgt Ion: 56 Resp: 14428

Ion Ratio Lower Upper

56 100

55 70.0 55.1 82.7



#14

Allyl chloride

Concen: 50.672 ug/l

RT: 4.552 min Scan# 504

Delta R.T. -0.006 min

Lab File: VD076800.D

Acq: 19 Jul 2023 19:38

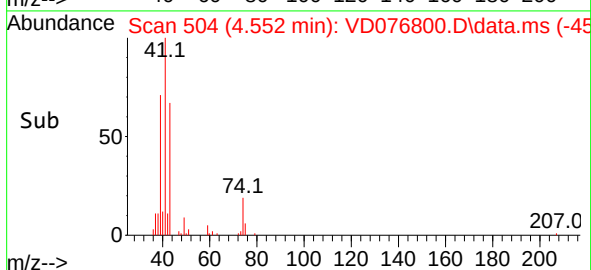
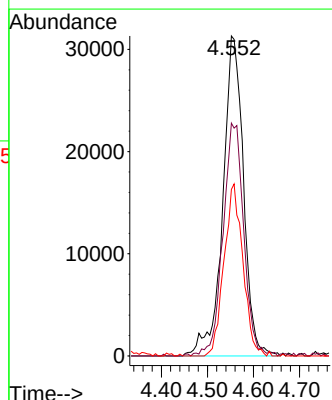
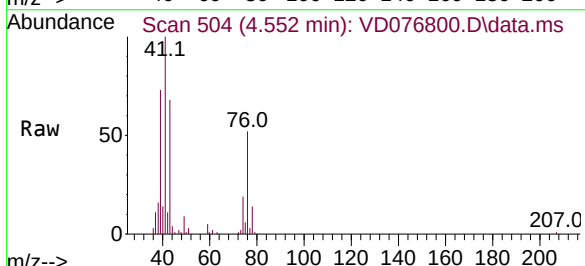
Tgt Ion: 41 Resp: 97374

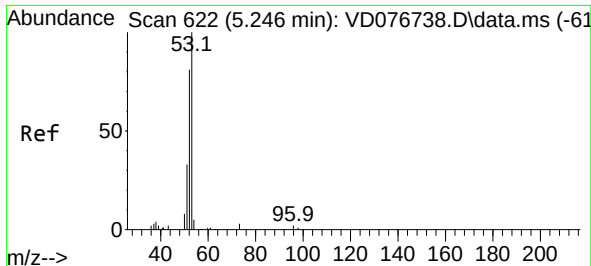
Ion Ratio Lower Upper

41 100

39 73.1 53.8 80.6

76 49.0 45.8 68.8

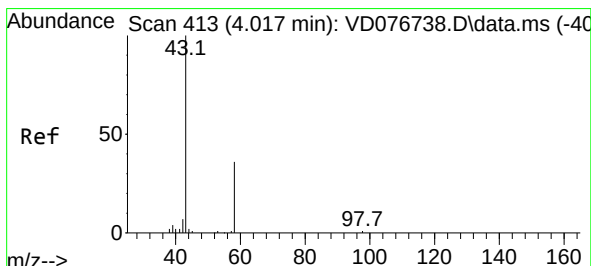
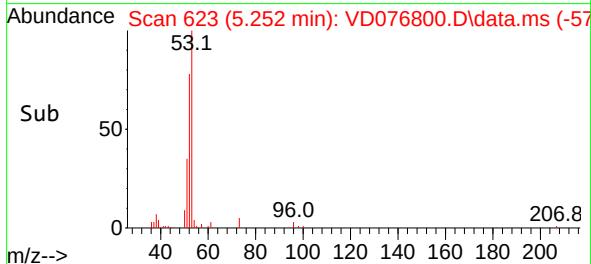
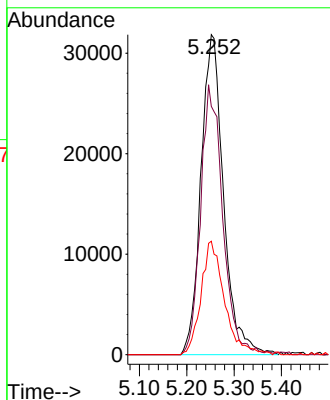
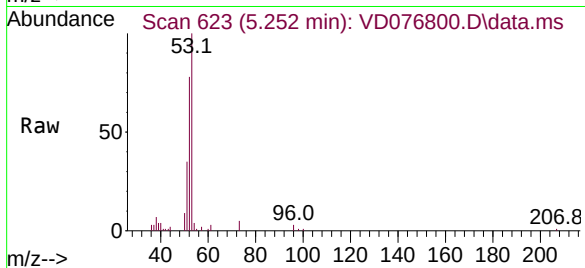




#15
Acrylonitrile
Concen: 263.440 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

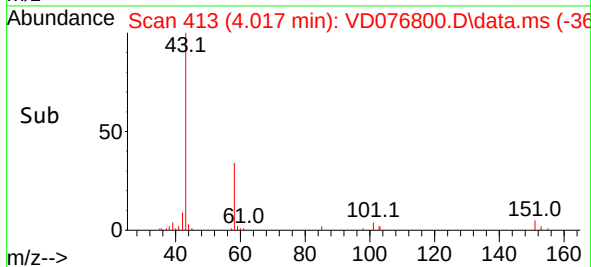
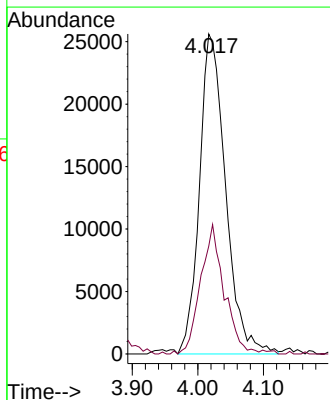
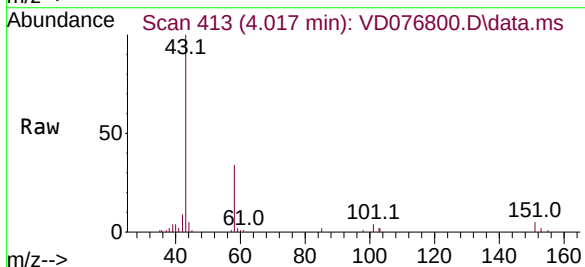
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

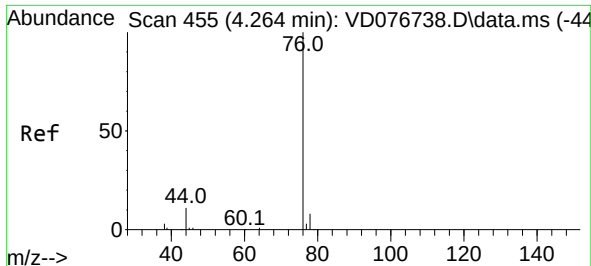
Tgt Ion: 53 Resp: 105520
Ion Ratio Lower Upper
53 100
52 82.1 65.0 97.4
51 36.8 28.3 42.5



#16
Acetone
Concen: 201.921 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

Tgt Ion: 43 Resp: 71105
Ion Ratio Lower Upper
43 100
58 33.7 34.7 52.1#

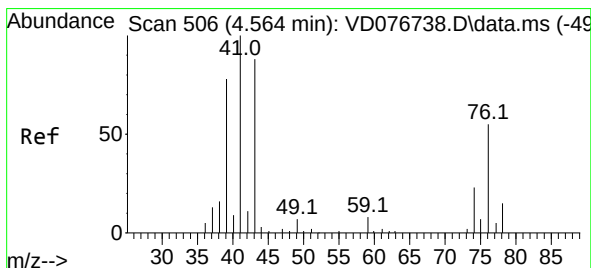
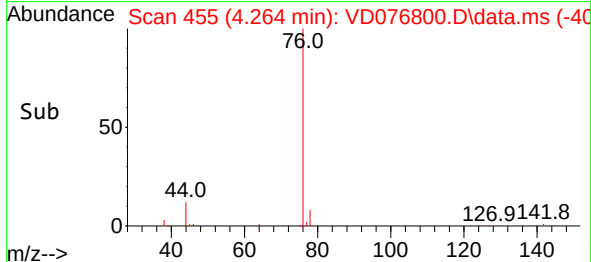
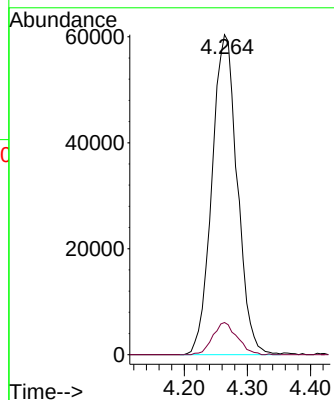
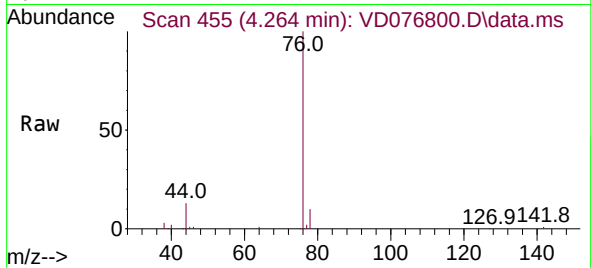




#17
Carbon Disulfide
Concen: 49.345 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

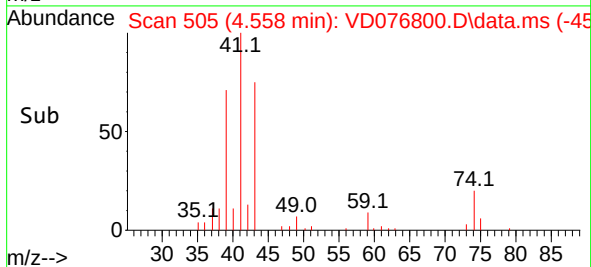
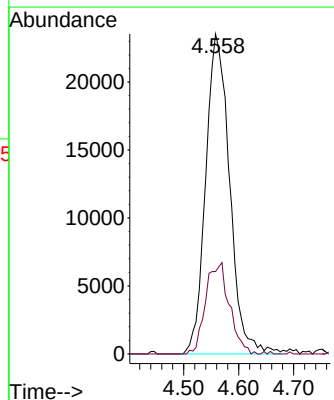
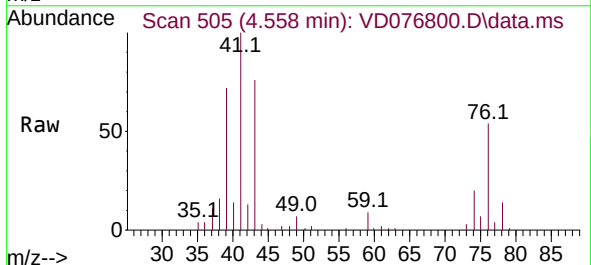
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

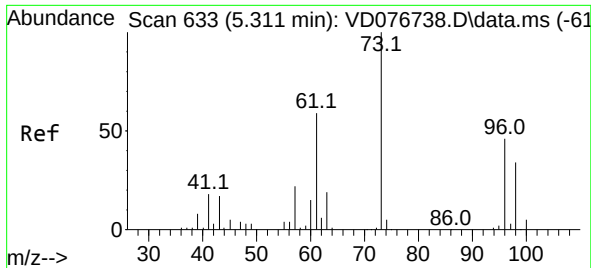
Tgt Ion: 76 Resp: 168595
Ion Ratio Lower Upper
76 100
78 10.1 6.8 10.2



#18
Methyl Acetate
Concen: 53.875 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

Tgt Ion: 43 Resp: 71279
Ion Ratio Lower Upper
43 100
74 28.3 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 50.233 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.011 min

Lab File: VD076800.D

Acq: 19 Jul 2023 19:38

Instrument :

MSVOA_D

ClientSampleId :

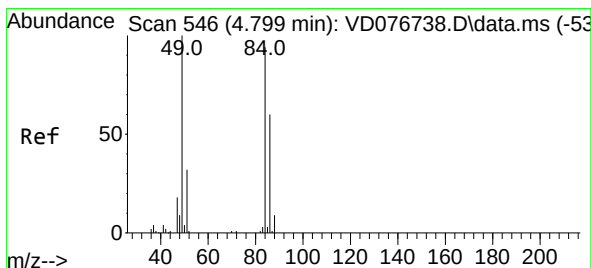
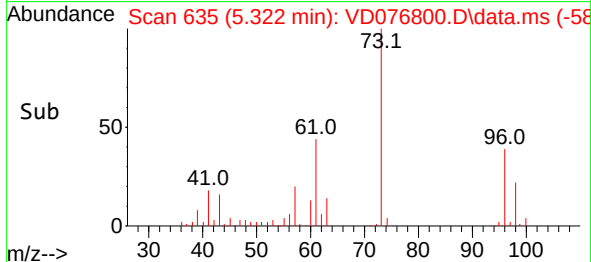
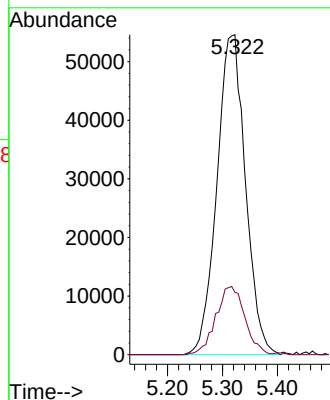
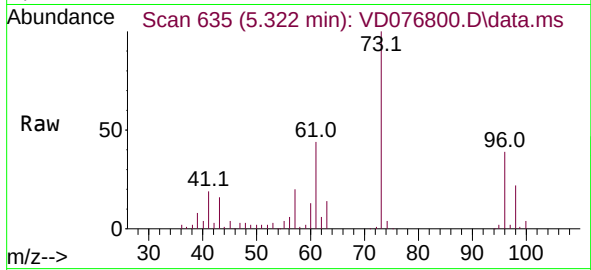
VSTDCCC050EC

Tgt Ion: 73 Resp: 197060

Ion Ratio Lower Upper

73 100

57 19.5 16.6 25.0



#20

Methylene Chloride

Concen: 48.709 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD076800.D

Acq: 19 Jul 2023 19:38

Tgt Ion: 84 Resp: 102694

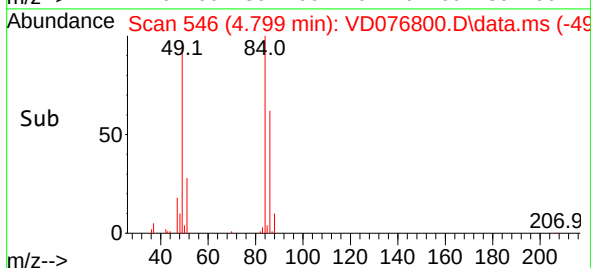
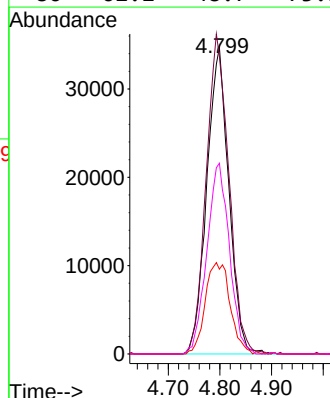
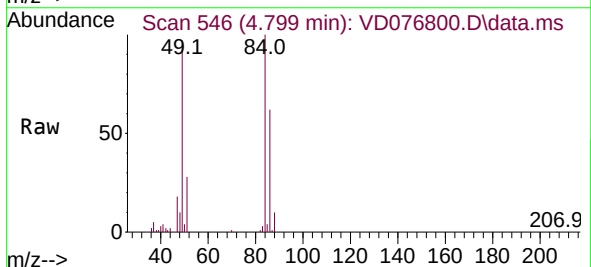
Ion Ratio Lower Upper

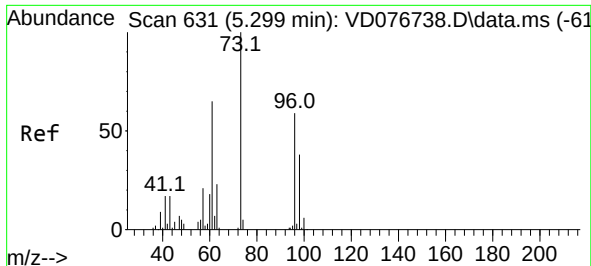
84 100

49 97.1 71.4 107.2

51 27.7 24.5 36.7

86 62.2 48.7 73.1

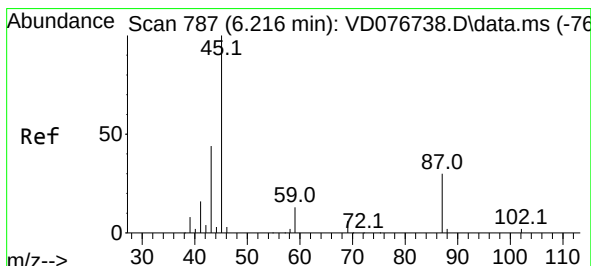
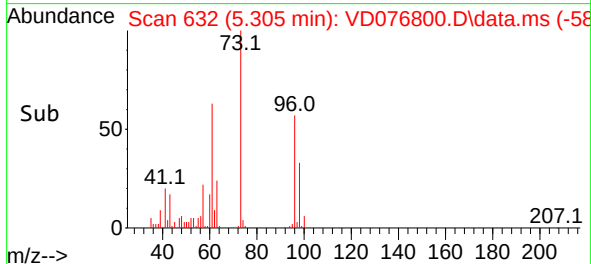
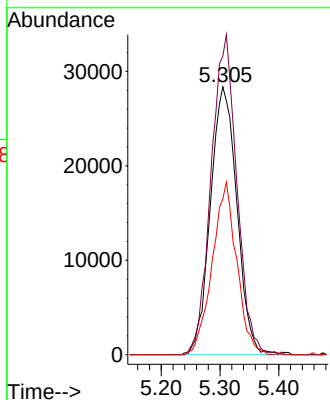
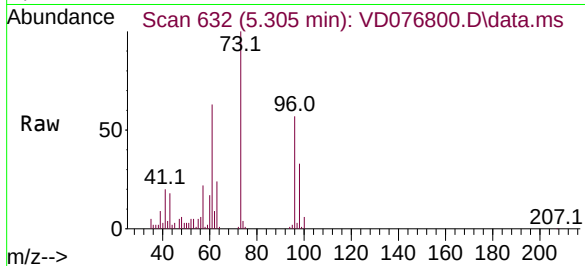




#21
trans-1,2-Dichloroethene
Concen: 52.119 ug/l
RT: 5.305 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

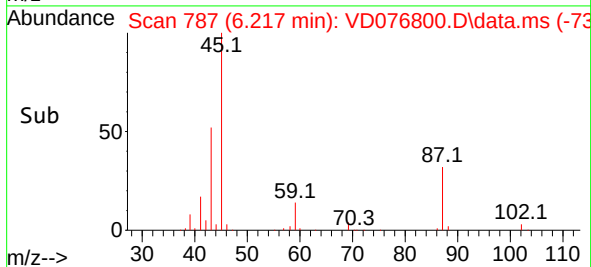
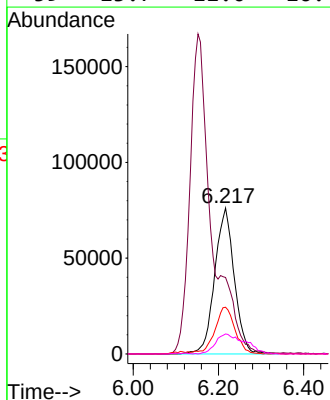
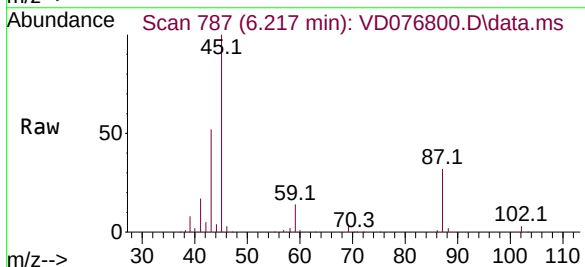
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

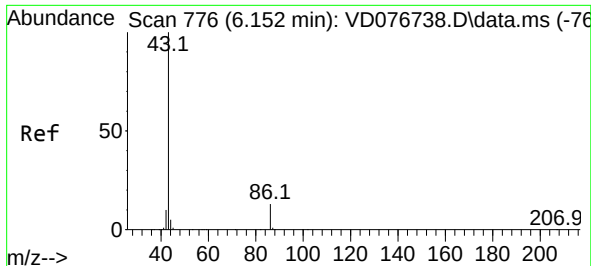
Tgt Ion: 96 Resp: 88624
Ion Ratio Lower Upper
96 100
61 111.5 89.3 133.9
98 58.1 48.6 73.0



#22
Diisopropyl ether
Concen: 53.638 ug/l
RT: 6.217 min Scan# 787
Delta R.T. 0.001 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

Tgt Ion: 45 Resp: 244081
Ion Ratio Lower Upper
45 100
43 51.8 40.0 60.0
87 31.7 28.2 42.4
59 13.7 11.0 16.4

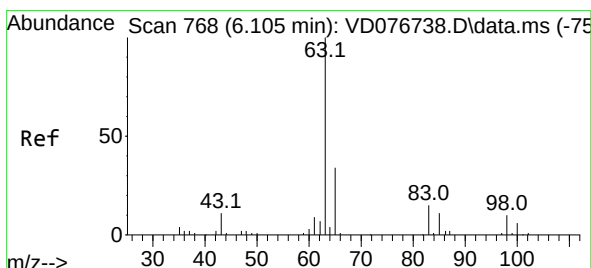
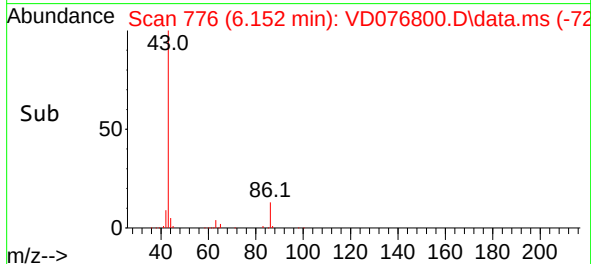
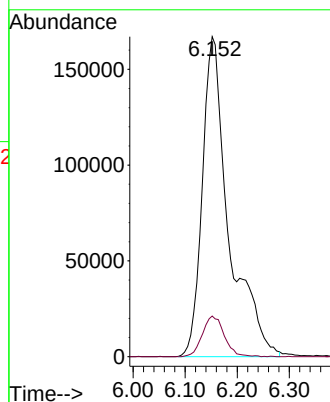
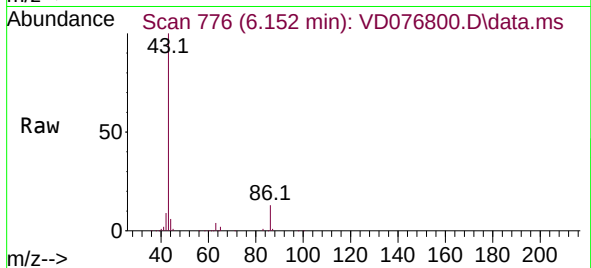




#23
 Vinyl Acetate
 Concen: 262.381 ug/l m
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076800.D
 Acq: 19 Jul 2023 19:38

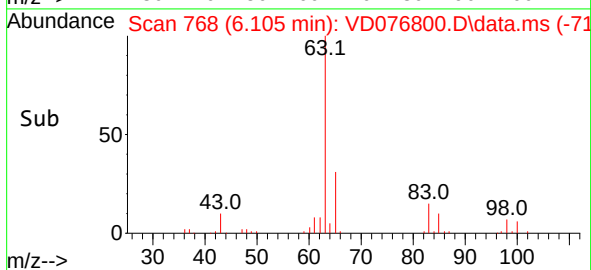
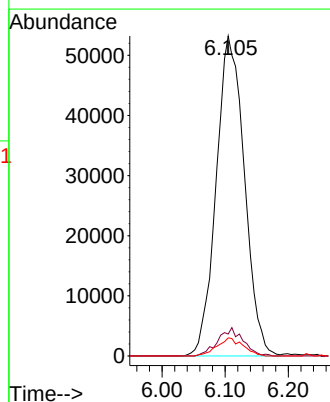
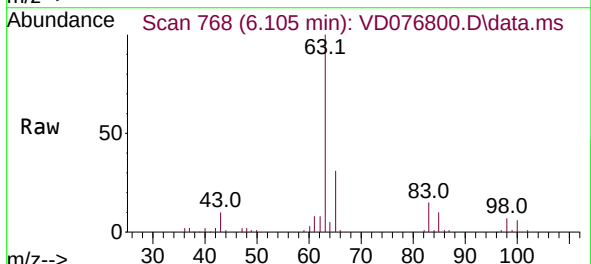
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

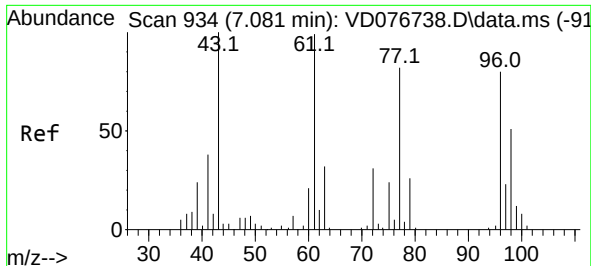
Tgt Ion: 43 Resp: 590757
 Ion Ratio Lower Upper
 43 100
 86 12.7 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 53.855 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.000 min
 Lab File: VD076800.D
 Acq: 19 Jul 2023 19:38

Tgt Ion: 63 Resp: 165233
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.5 13.7
 100 5.6 2.5 7.5





#25

2-Butanone

Concen: 254.283 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076800.D

Acq: 19 Jul 2023 19:38

Instrument :

MSVOA_D

ClientSampleId :

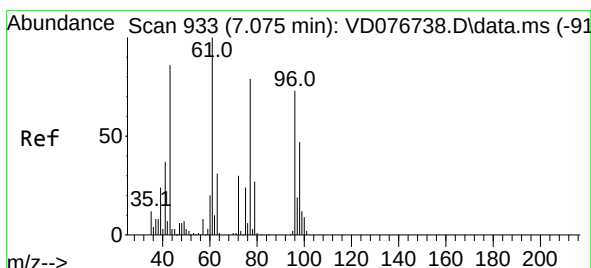
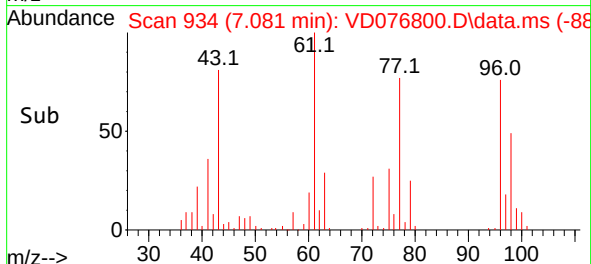
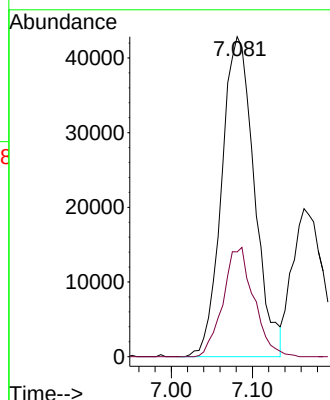
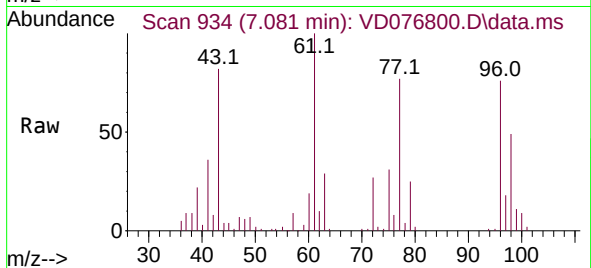
VSTDCCC050EC

Tgt Ion: 43 Resp: 119841

Ion Ratio Lower Upper

43 100

72 32.7 30.7 46.1



#26

2,2-Dichloropropane

Concen: 48.238 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD076800.D

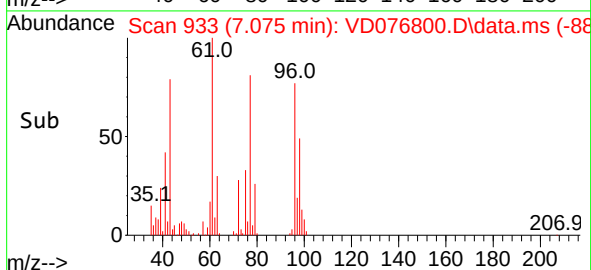
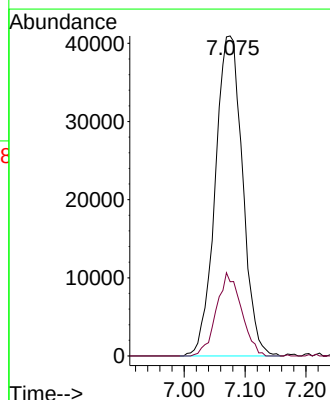
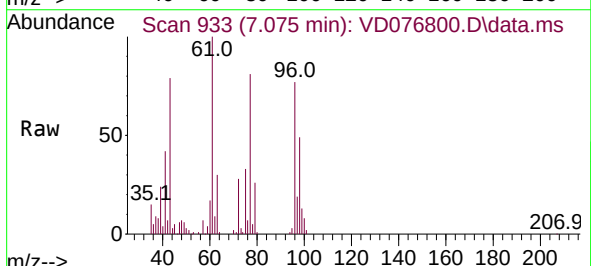
Acq: 19 Jul 2023 19:38

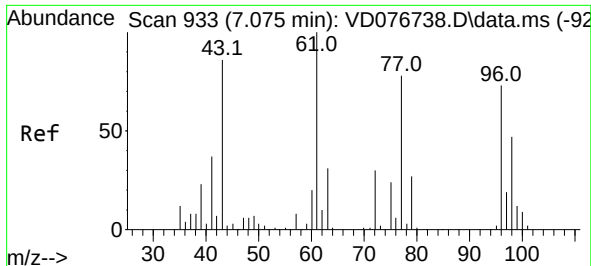
Tgt Ion: 77 Resp: 127579

Ion Ratio Lower Upper

77 100

97 23.8 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 51.772 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD076800.D

Acq: 19 Jul 2023 19:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

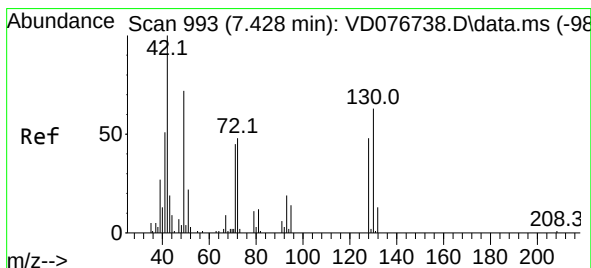
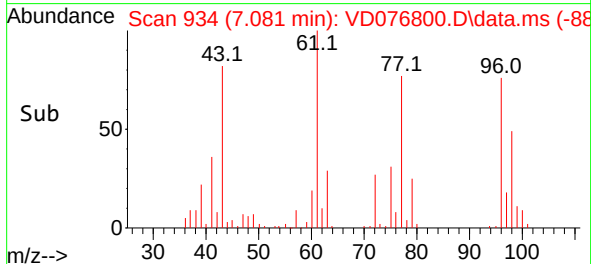
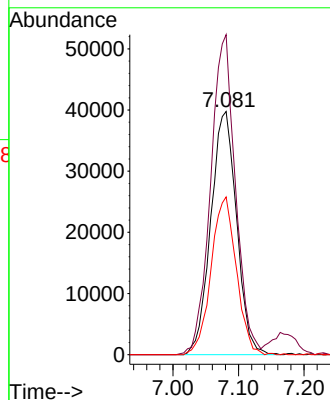
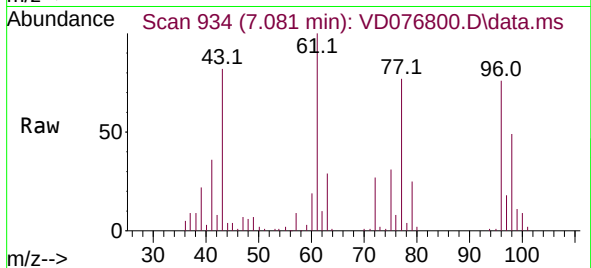
Tgt Ion: 96 Resp: 108524

Ion Ratio Lower Upper

96 100

61 126.8 0.0 239.2

98 63.5 0.0 128.6



#28

Bromochloromethane

Concen: 48.033 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD076800.D

Acq: 19 Jul 2023 19:38

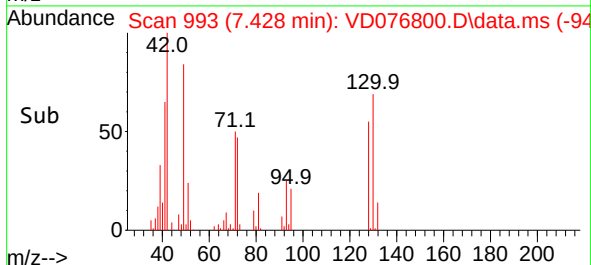
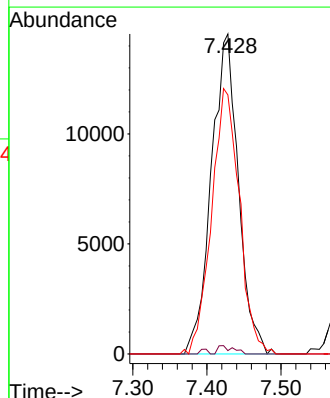
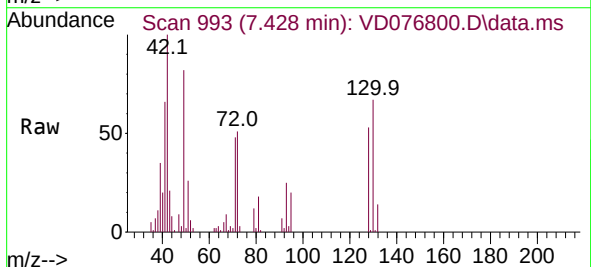
Tgt Ion: 49 Resp: 36844

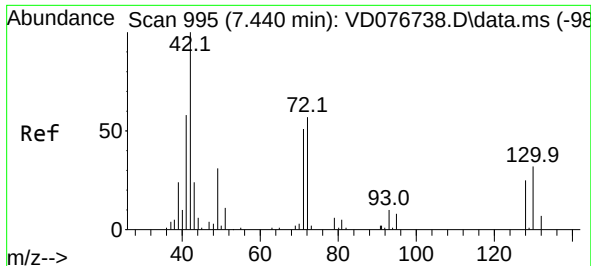
Ion Ratio Lower Upper

49 100

129 1.5 0.0 6.0

130 85.1 83.2 124.8

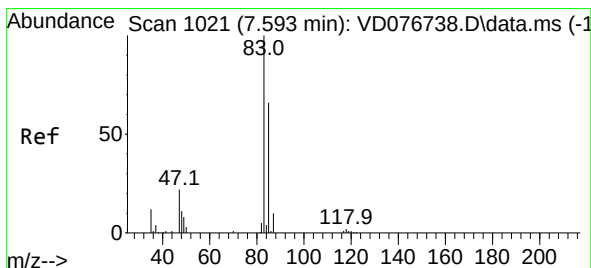
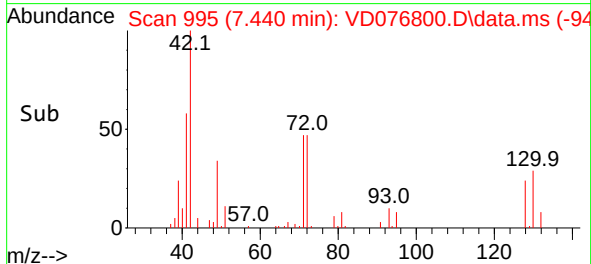
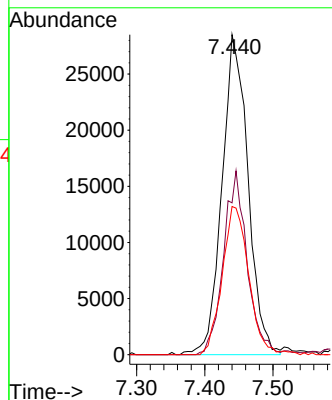
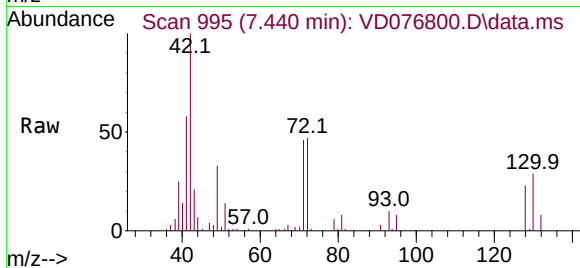




#29
Tetrahydrofuran
Concen: 271.835 ug/l
RT: 7.440 min Scan# 995
Delta R.T. -0.000 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

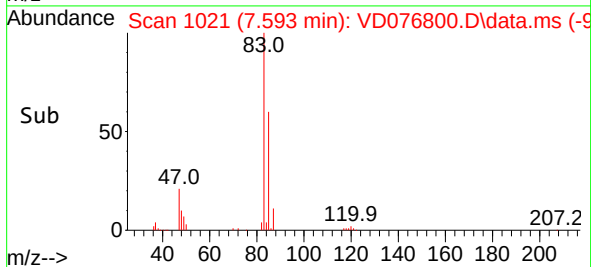
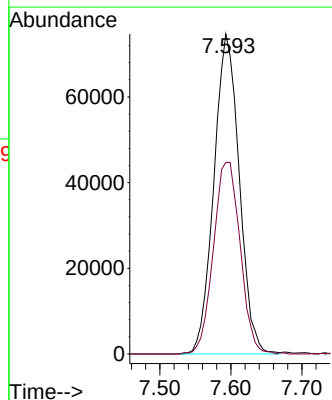
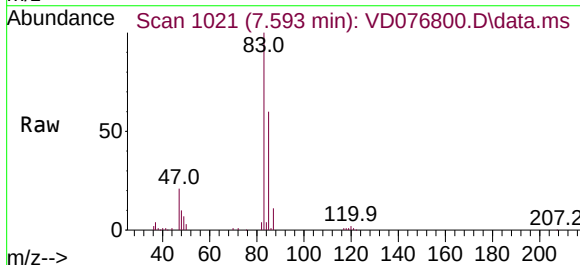
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

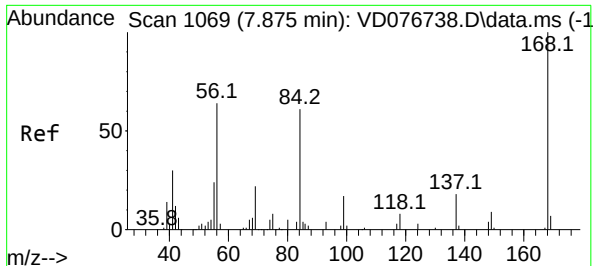
Tgt Ion: 42 Resp: 75694
Ion Ratio Lower Upper
42 100
72 52.1 46.5 69.7
71 47.1 44.5 66.7



#30
Chloroform
Concen: 55.087 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

Tgt Ion: 83 Resp: 185115
Ion Ratio Lower Upper
83 100
85 59.8 53.4 80.2





#31

Cyclohexane

Concen: 50.921 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076800.D

Acq: 19 Jul 2023 19:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

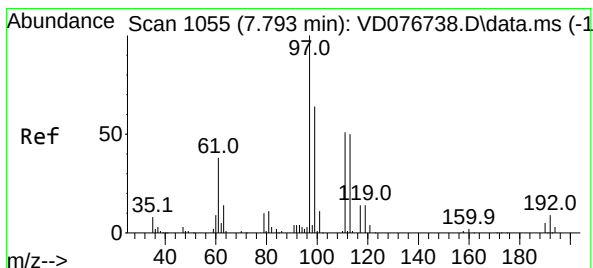
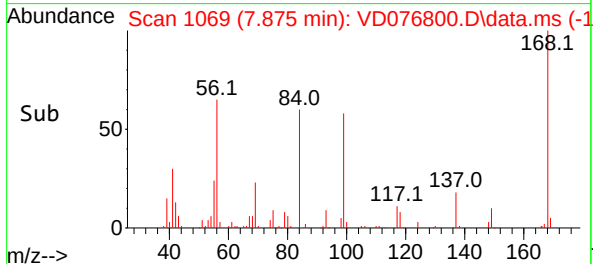
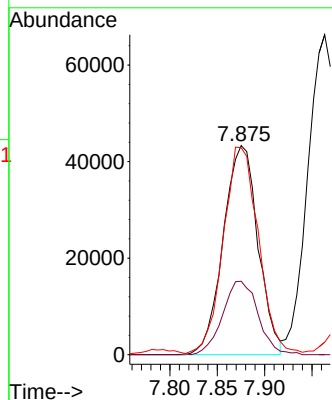
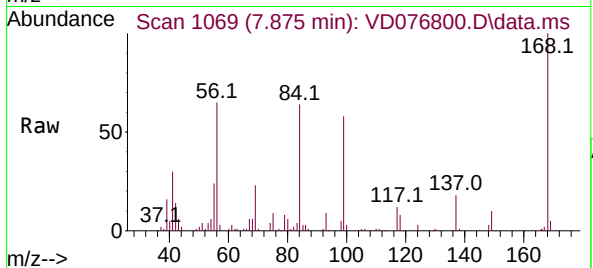
Tgt Ion: 56 Resp: 110499

Ion Ratio Lower Upper

56 100

69 35.1 28.6 43.0

84 97.9 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 54.486 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD076800.D

Acq: 19 Jul 2023 19:38

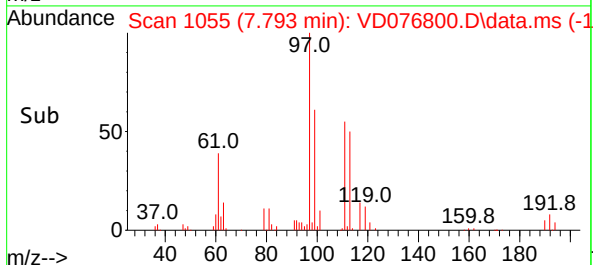
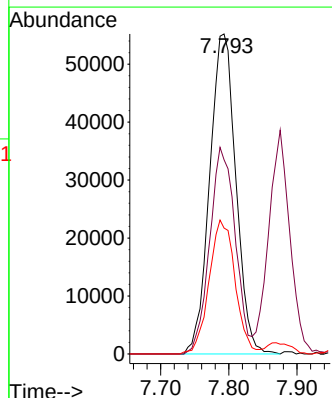
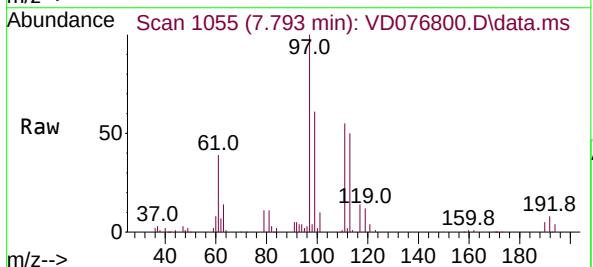
Tgt Ion: 97 Resp: 147727

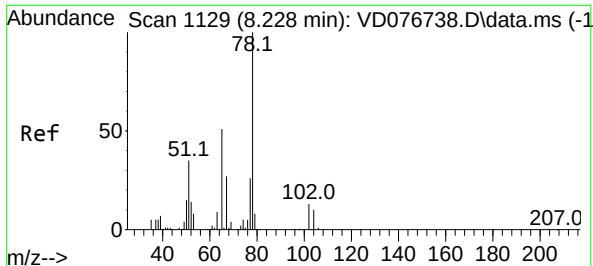
Ion Ratio Lower Upper

97 100

99 63.3 52.0 78.0

61 41.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 51.907 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076800.D

Acq: 19 Jul 2023 19:38

Instrument :

MSVOA_D

ClientSampleId :

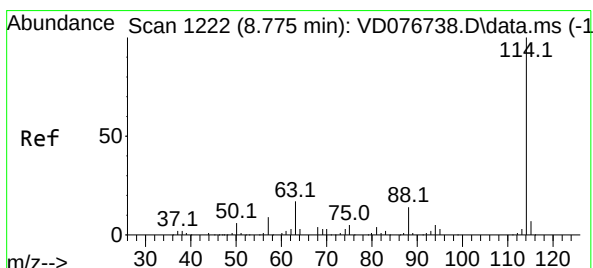
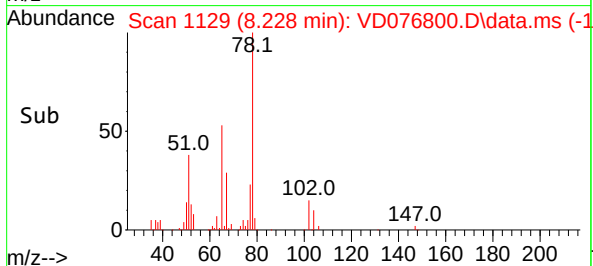
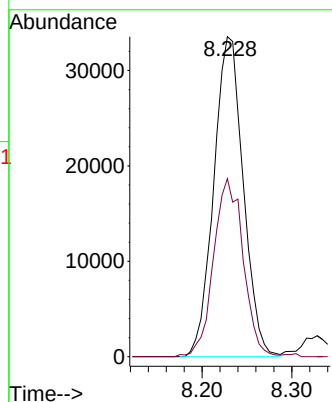
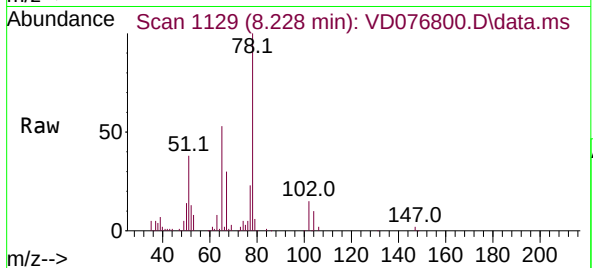
VSTDCCC050EC

Tgt Ion: 65 Resp: 76537

Ion Ratio Lower Upper

65 100

67 55.7 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076800.D

Acq: 19 Jul 2023 19:38

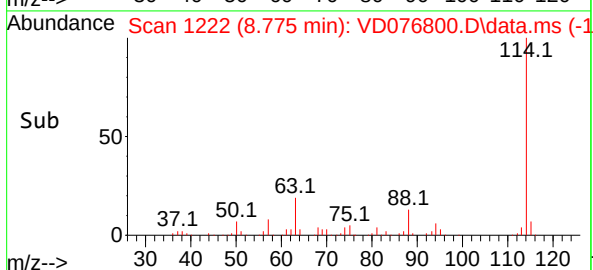
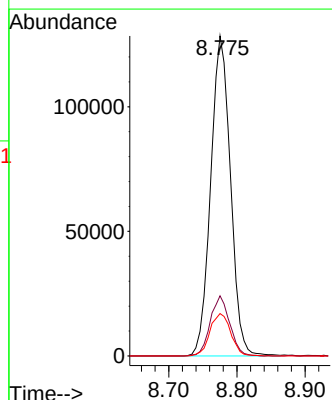
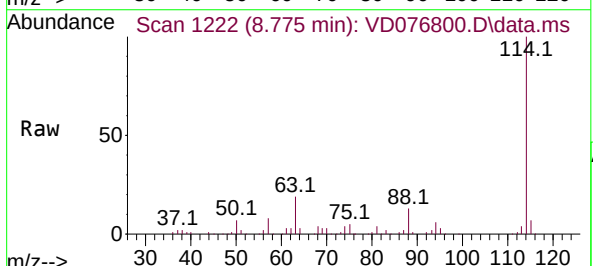
Tgt Ion: 114 Resp: 259437

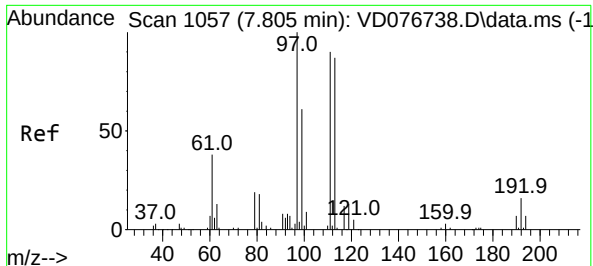
Ion Ratio Lower Upper

114 100

63 18.8 0.0 33.4

88 13.2 0.0 26.2





#35

Dibromofluoromethane

Concen: 54.183 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076800.D

Acq: 19 Jul 2023 19:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

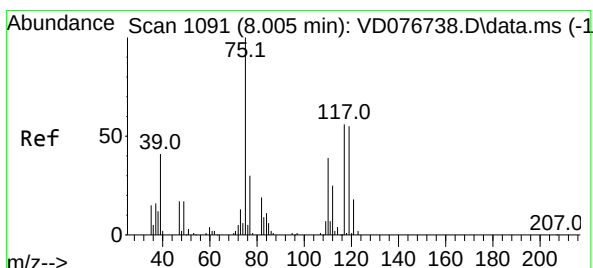
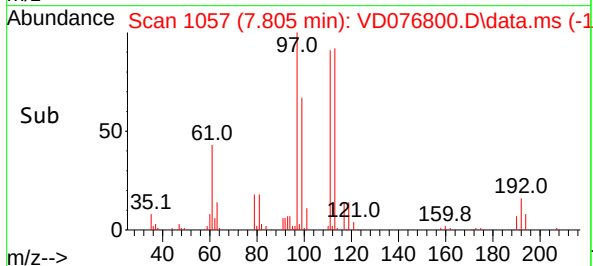
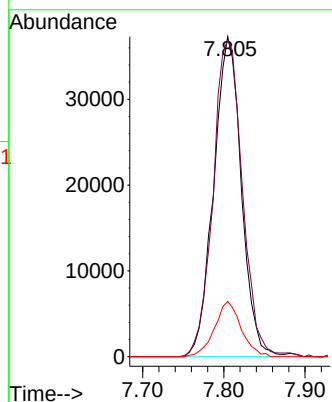
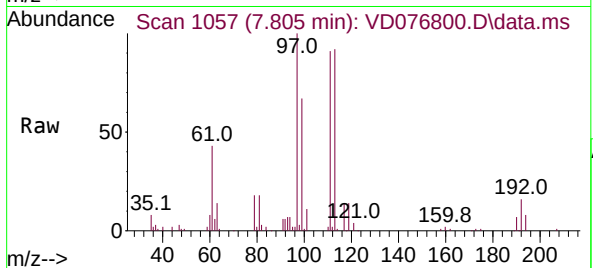
Tgt Ion:113 Resp: 88335

Ion Ratio Lower Upper

113 100

111 104.9 84.7 127.1

192 16.6 16.8 25.2#



#36

1,1-Dichloropropene

Concen: 55.775 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VD076800.D

Acq: 19 Jul 2023 19:38

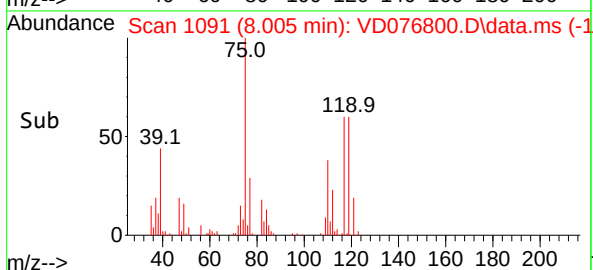
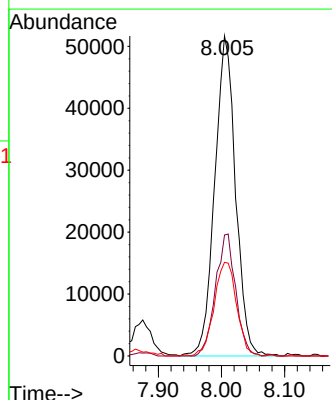
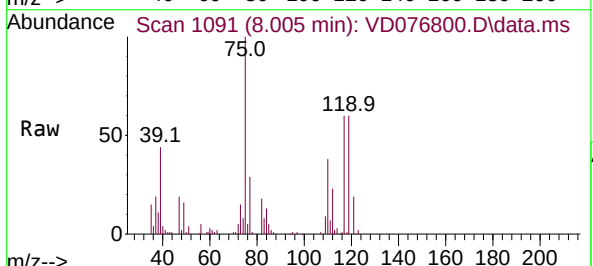
Tgt Ion: 75 Resp: 118823

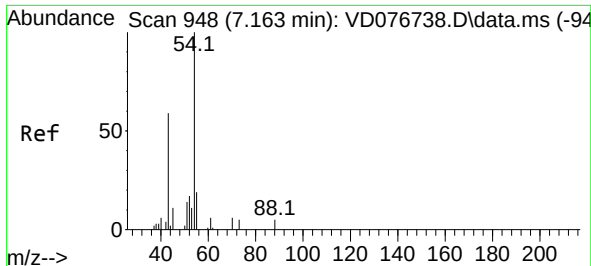
Ion Ratio Lower Upper

75 100

110 36.8 19.9 59.6

77 31.5 24.7 37.1





#37

Ethyl Acetate

Concen: 56.356 ug/l

RT: 7.164 min Scan# 948

Delta R.T. 0.001 min

Lab File: VD076800.D

Acq: 19 Jul 2023 19:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

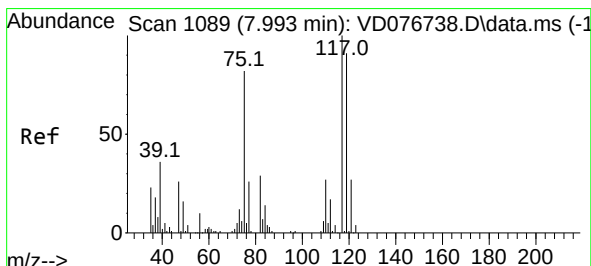
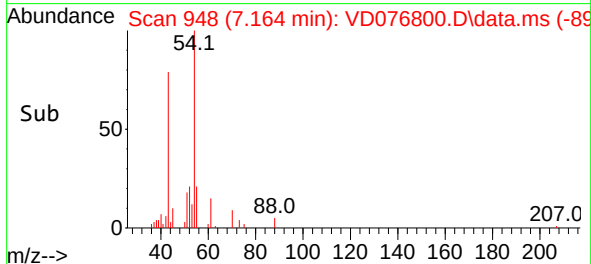
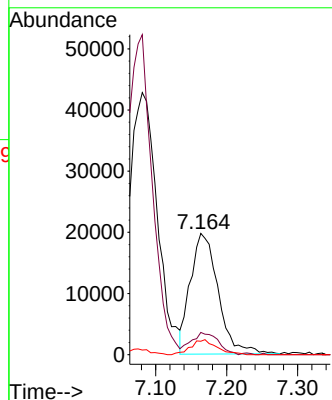
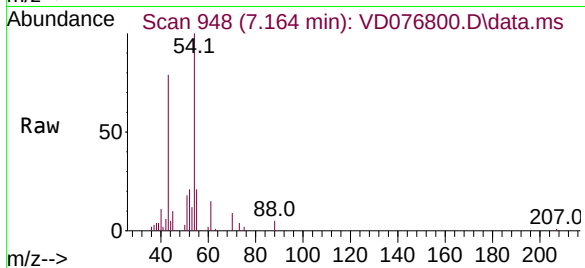
Tgt Ion: 43 Resp: 53692

Ion Ratio Lower Upper

43 100

61 18.1 14.9 22.3

70 11.5 10.0 15.0



#38

Carbon Tetrachloride

Concen: 58.084 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD076800.D

Acq: 19 Jul 2023 19:38

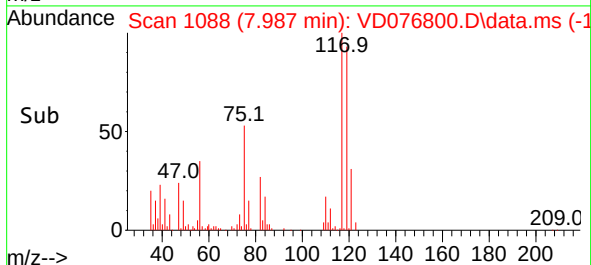
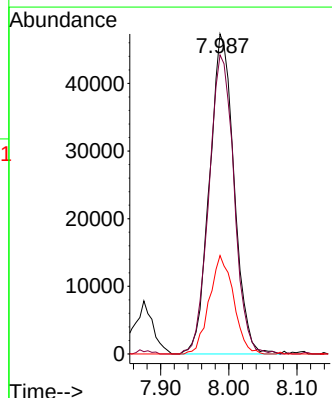
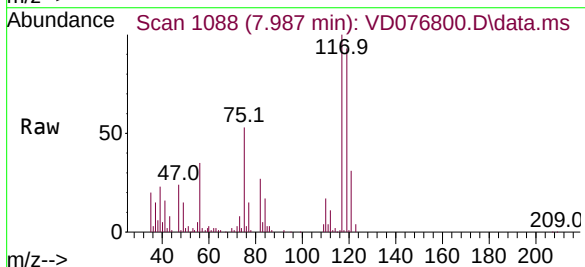
Tgt Ion: 117 Resp: 118485

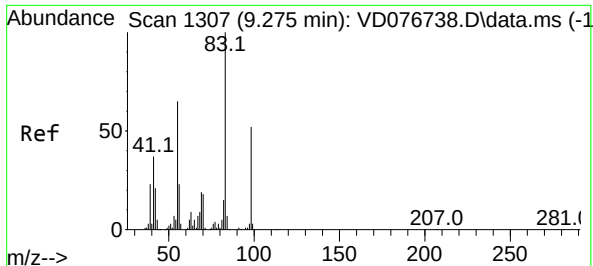
Ion Ratio Lower Upper

117 100

119 93.4 78.0 117.0

121 30.7 24.2 36.2





#39

Methylcyclohexane

Concen: 54.428 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD076800.D

Acq: 19 Jul 2023 19:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

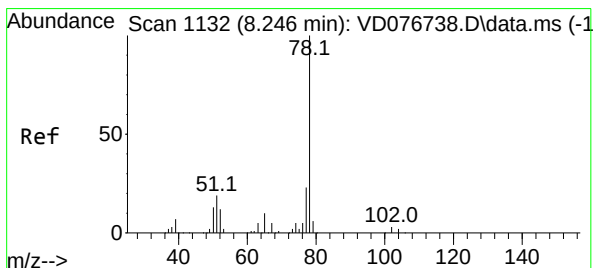
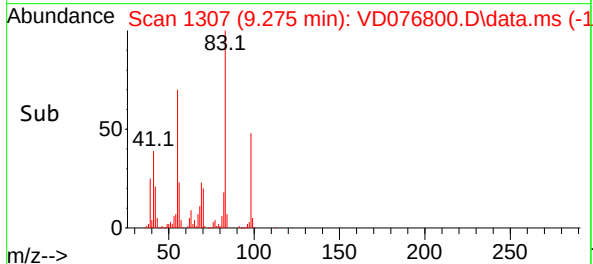
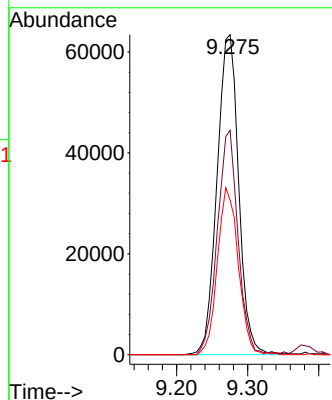
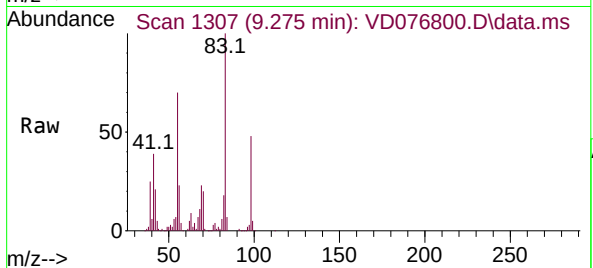
Tgt Ion: 83 Resp: 133886

Ion Ratio Lower Upper

83 100

55 70.1 49.4 74.0

98 48.3 38.4 57.6



#40

Benzene

Concen: 55.344 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VD076800.D

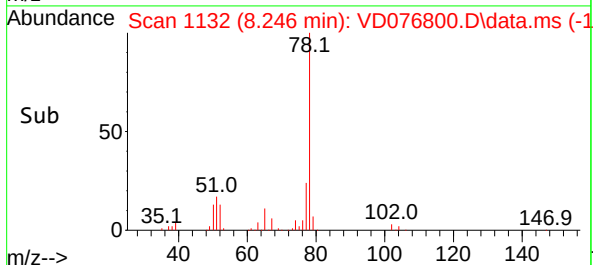
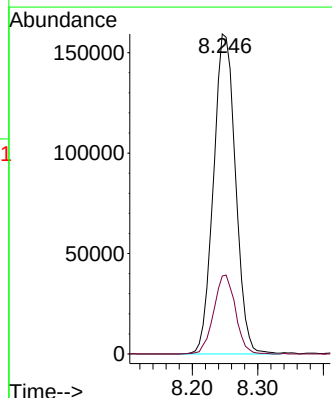
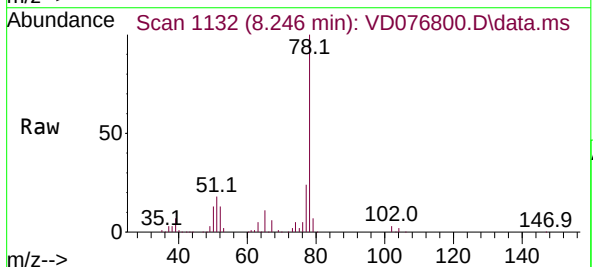
Acq: 19 Jul 2023 19:38

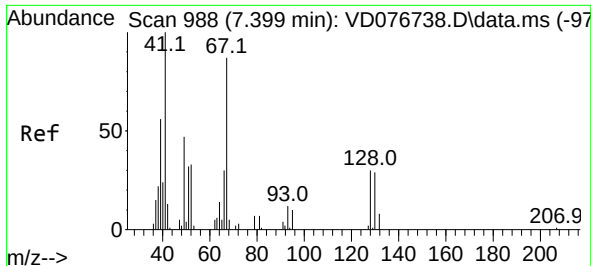
Tgt Ion: 78 Resp: 372018

Ion Ratio Lower Upper

78 100

77 24.4 19.4 29.0

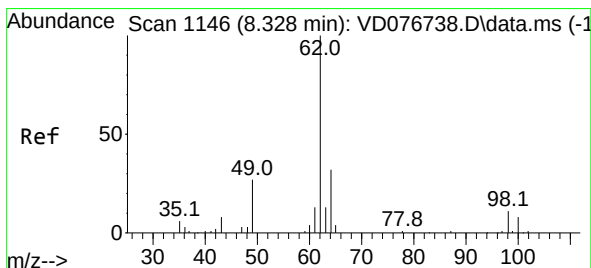
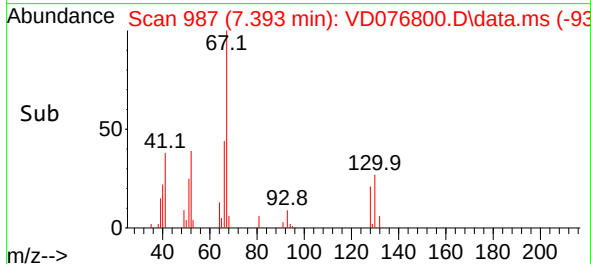
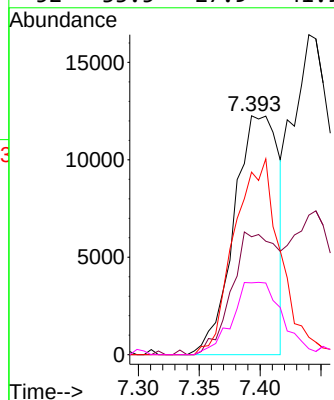
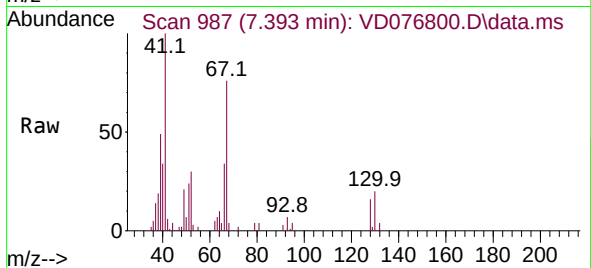




#41
Methacrylonitrile
Concen: 53.646 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

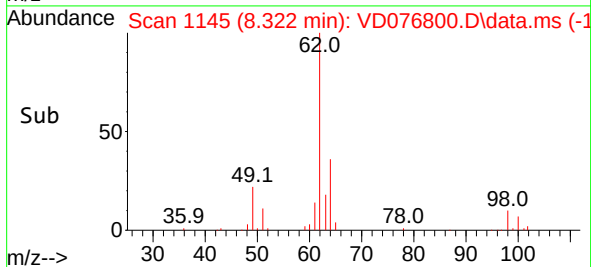
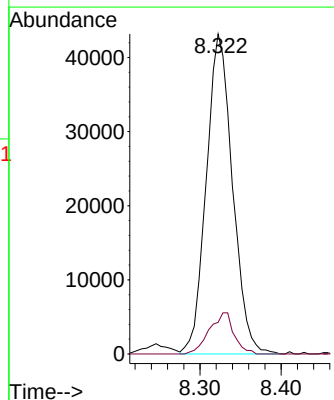
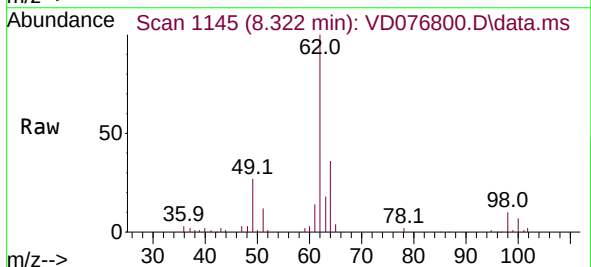
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

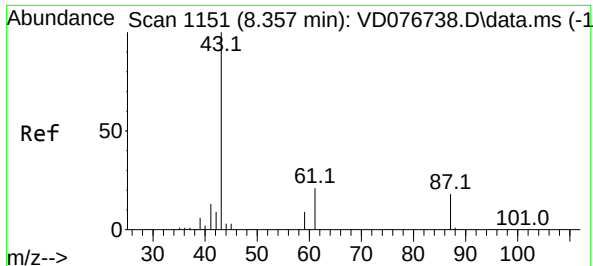
Tgt Ion: 41 Resp: 31211
Ion Ratio Lower Upper
41 100
39 52.2 34.0 51.0#
67 85.4 77.0 115.4
52 33.5 27.9 41.9



#42
1,2-Dichloroethane
Concen: 55.482 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

Tgt Ion: 62 Resp: 96901
Ion Ratio Lower Upper
62 100
98 12.0 0.0 25.4

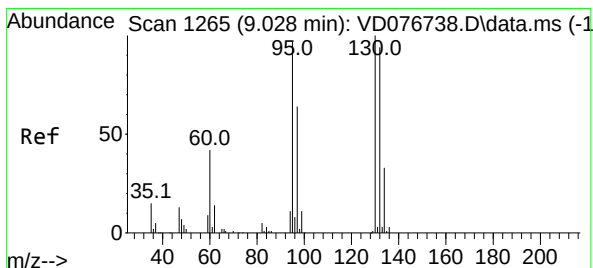
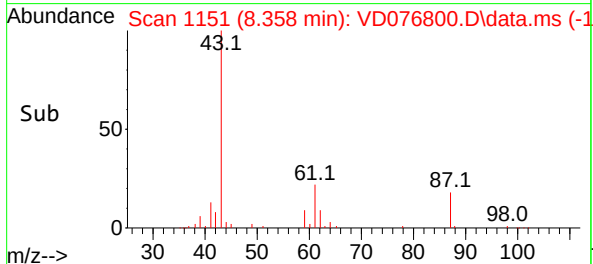
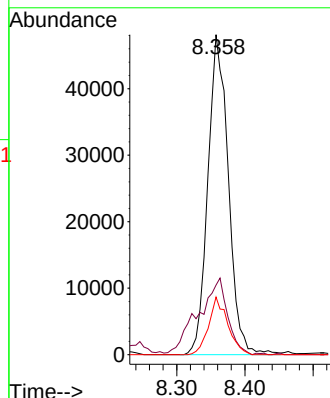
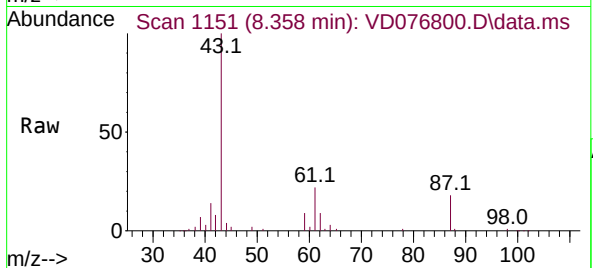




#43
Isopropyl Acetate
Concen: 54.157 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. 0.001 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

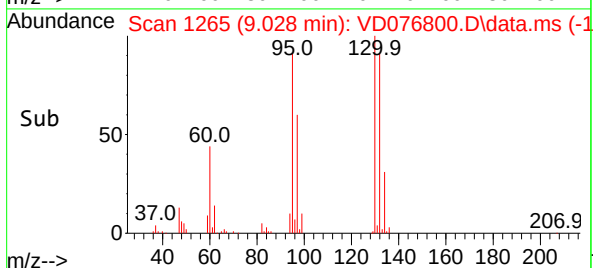
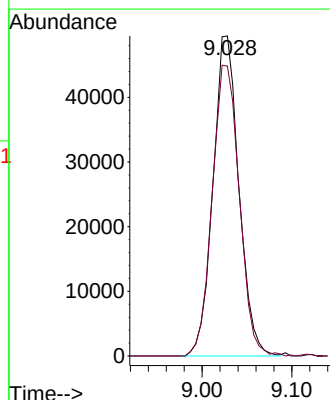
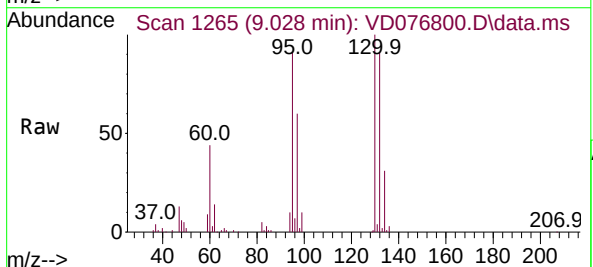
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

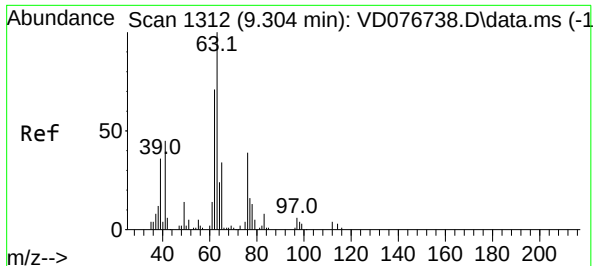
Tgt Ion: 43 Resp: 100696
Ion Ratio Lower Upper
43 100
61 34.4 31.4 47.0
87 16.8 14.9 22.3



#44
Trichloroethene
Concen: 54.090 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

Tgt Ion:130 Resp: 99078
Ion Ratio Lower Upper
130 100
95 90.6 0.0 179.2





#45

1,2-Dichloropropane

Concen: 56.406 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD076800.D

Acq: 19 Jul 2023 19:38

Instrument :

MSVOA_D

ClientSampleId :

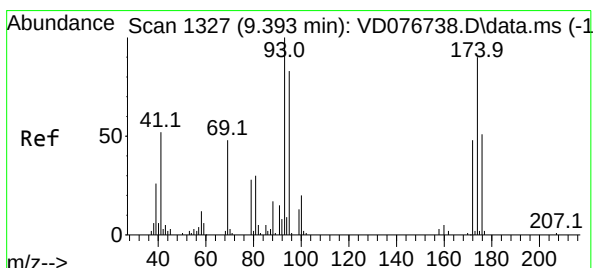
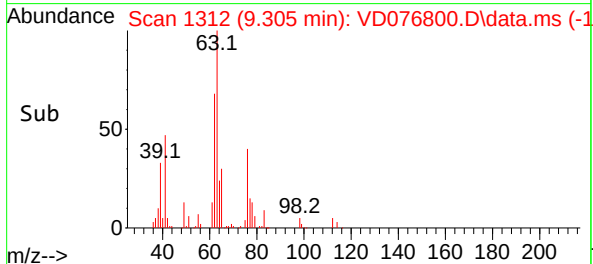
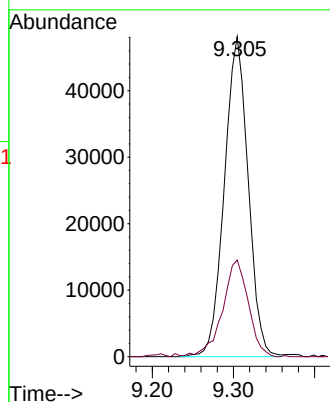
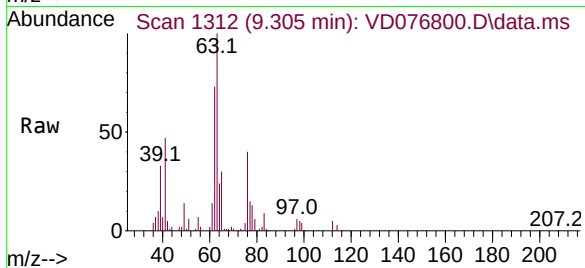
VSTDCCC050EC

Tgt Ion: 63 Resp: 97873

Ion Ratio Lower Upper

63 100

65 30.2 24.5 36.7



#46

Dibromomethane

Concen: 55.046 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076800.D

Acq: 19 Jul 2023 19:38

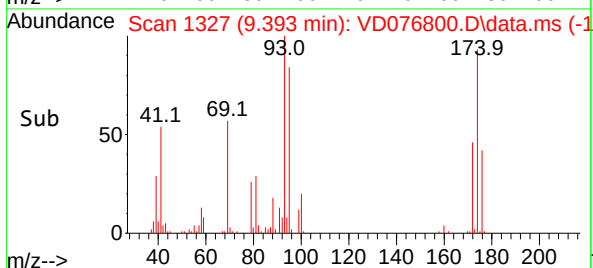
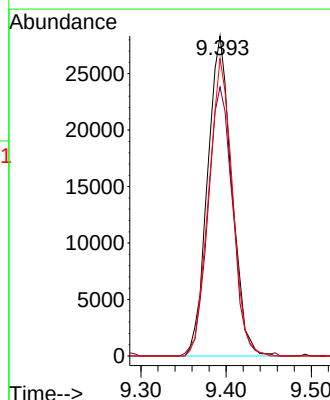
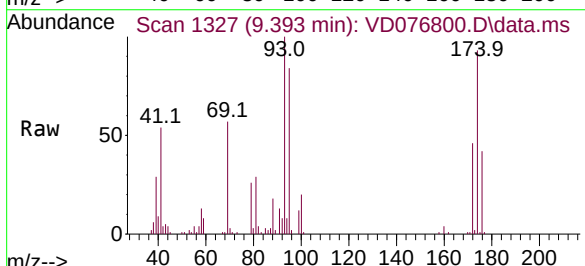
Tgt Ion: 93 Resp: 55908

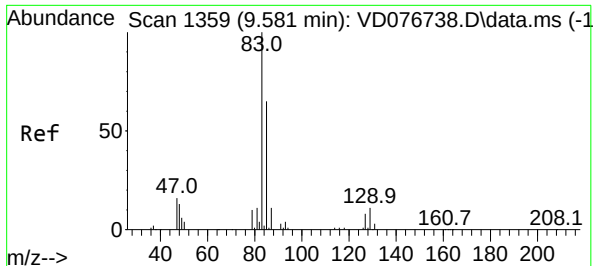
Ion Ratio Lower Upper

93 100

95 85.7 67.7 101.5

174 91.3 85.4 128.2





#47

Bromodichloromethane

Concen: 55.541 ug/l

RT: 9.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076800.D

Acq: 19 Jul 2023 19:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

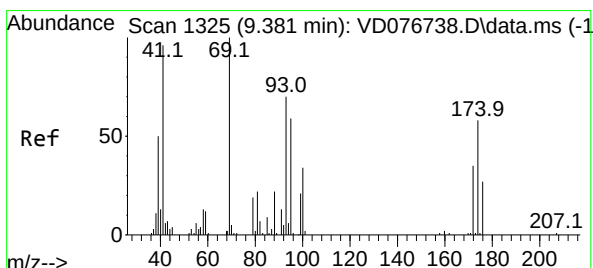
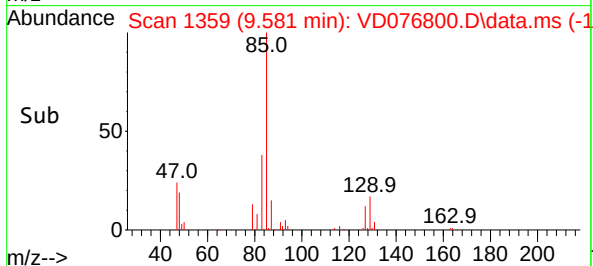
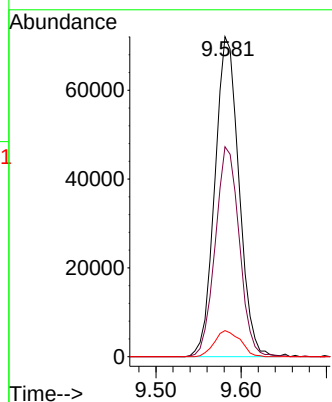
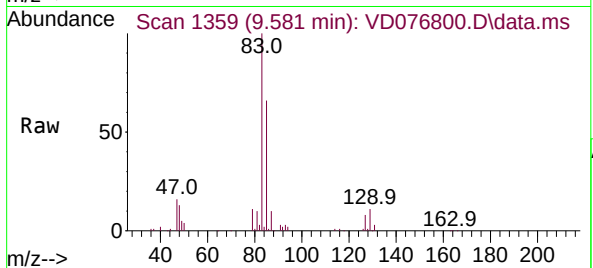
Tgt Ion: 83 Resp: 141562

Ion Ratio Lower Upper

83 100

85 65.6 50.2 75.4

127 8.2 6.3 9.5



#48

Methyl methacrylate

Concen: 53.307 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD076800.D

Acq: 19 Jul 2023 19:38

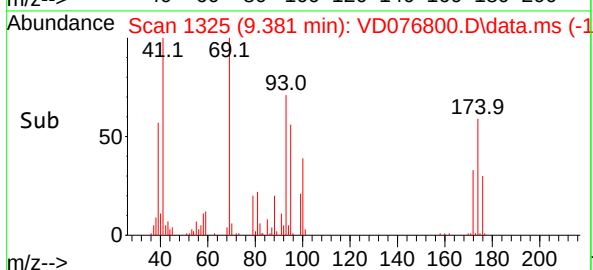
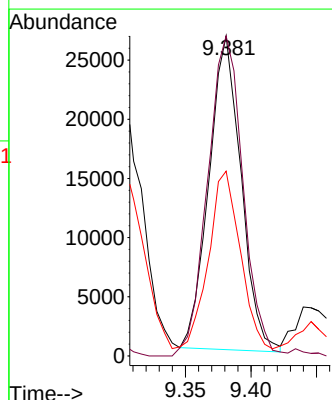
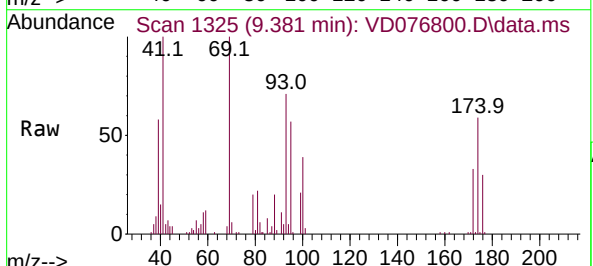
Tgt Ion: 41 Resp: 45111

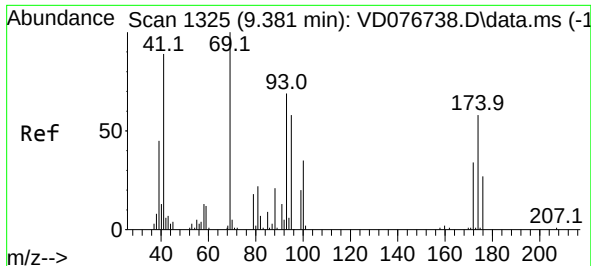
Ion Ratio Lower Upper

41 100

69 112.1 102.2 153.2

39 57.0 41.4 62.2





#49

1,4-Dioxane

Concen: 1008.936 ug/l

RT: 9.387 min Scan# 1325

Delta R.T. 0.006 min

Lab File: VD076800.D

Acq: 19 Jul 2023 19:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

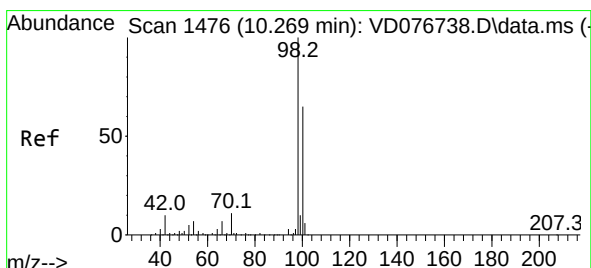
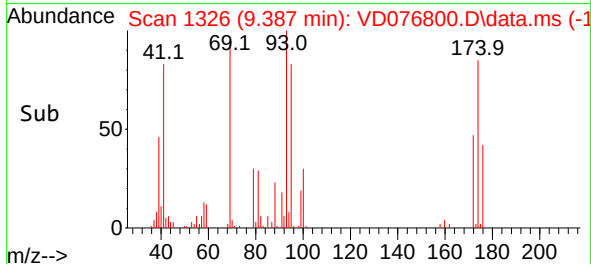
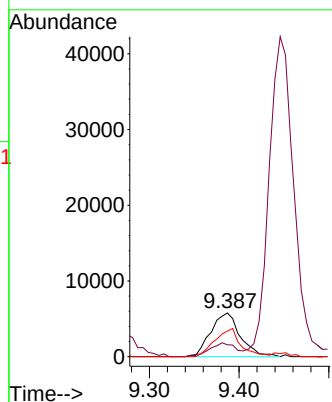
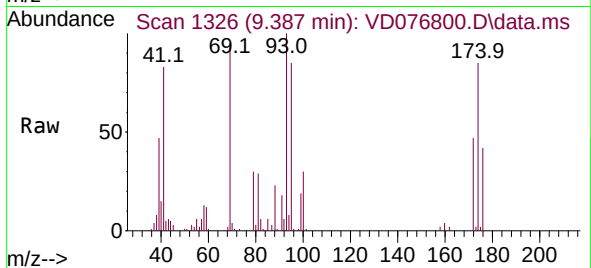
Tgt Ion: 88 Resp: 13129

Ion Ratio Lower Upper

88 100

43 28.8 19.0 28.6#

58 56.3 43.5 65.3



#50

Toluene-d8

Concen: 52.239 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076800.D

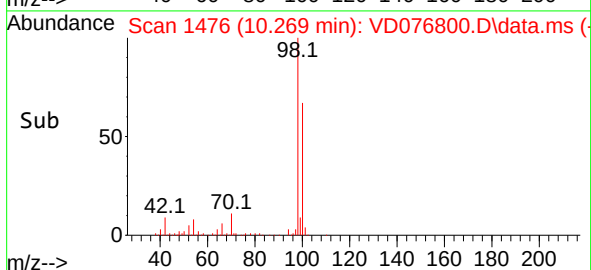
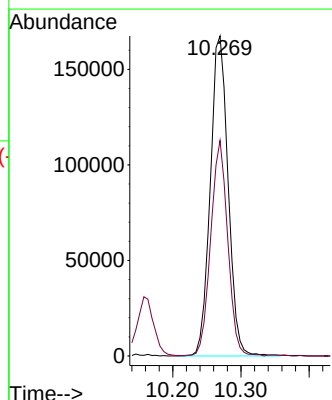
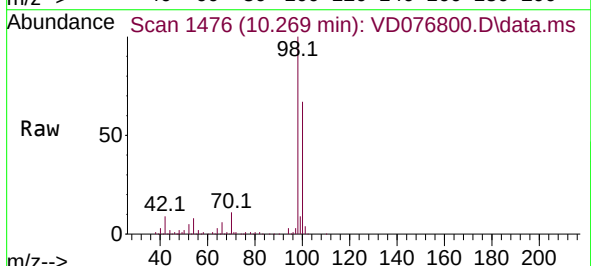
Acq: 19 Jul 2023 19:38

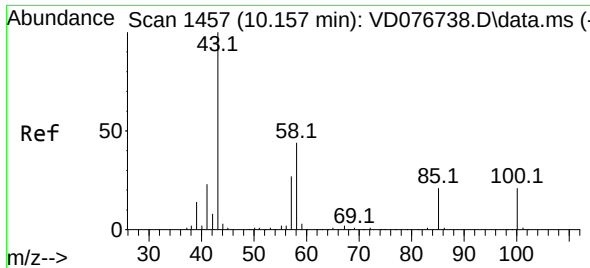
Tgt Ion: 98 Resp: 304674

Ion Ratio Lower Upper

98 100

100 64.3 50.3 75.5

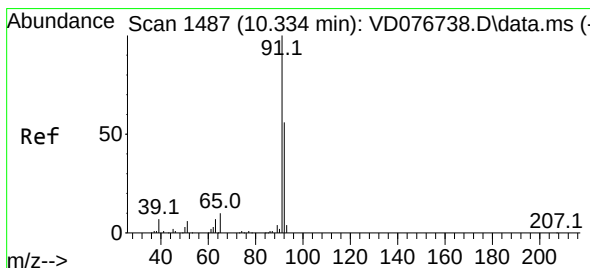
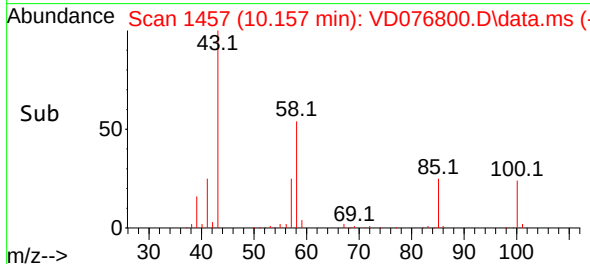
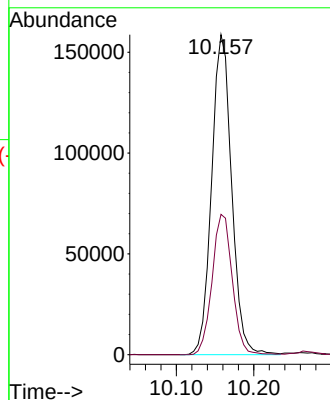
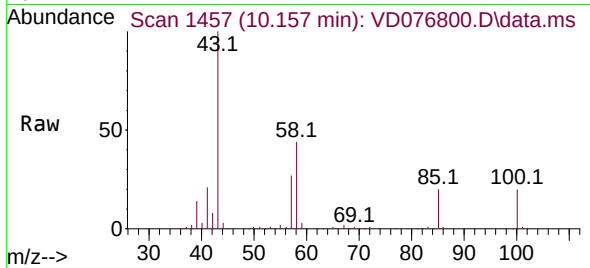




#51
4-Methyl-2-Pentanone
Concen: 288.274 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

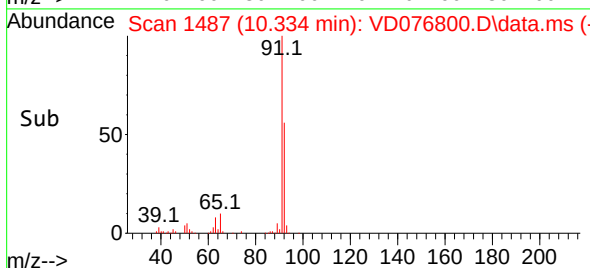
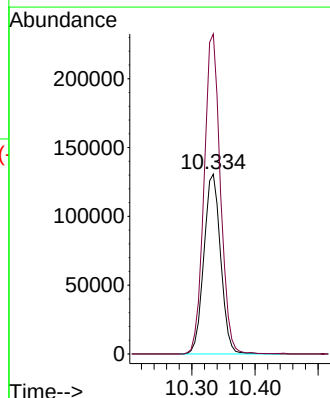
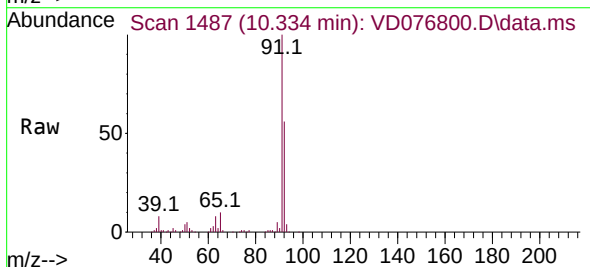
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

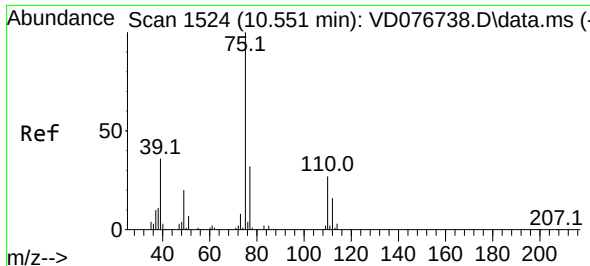
Tgt Ion: 43 Resp: 285384
Ion Ratio Lower Upper
43 100
58 44.2 38.9 58.3



#52
Toluene
Concen: 54.499 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

Tgt Ion: 92 Resp: 240601
Ion Ratio Lower Upper
92 100
91 173.6 143.0 214.4

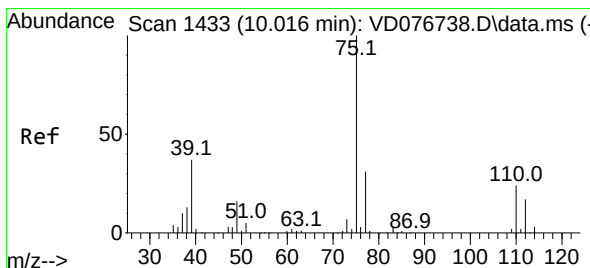
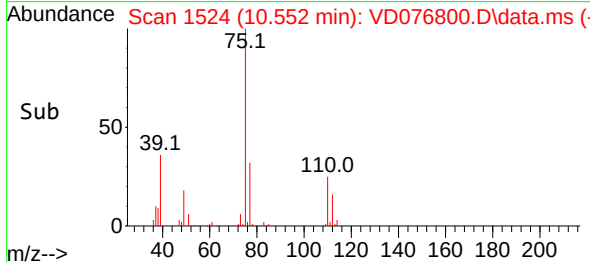
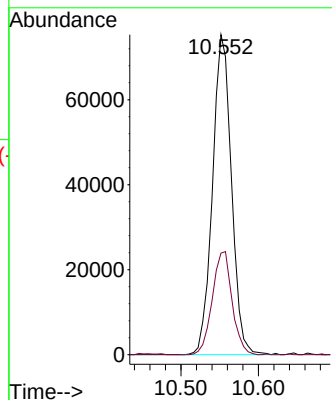
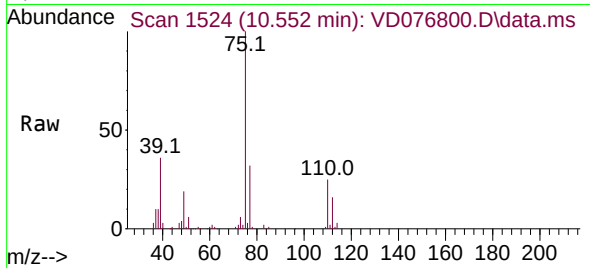




#53
t-1,3-Dichloropropene
Concen: 54.006 ug/l
RT: 10.552 min Scan# 1524
Delta R.T. 0.001 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

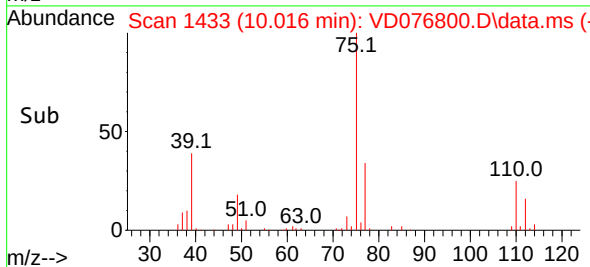
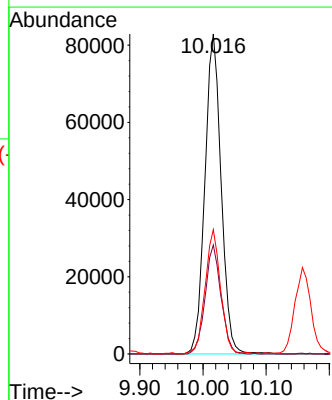
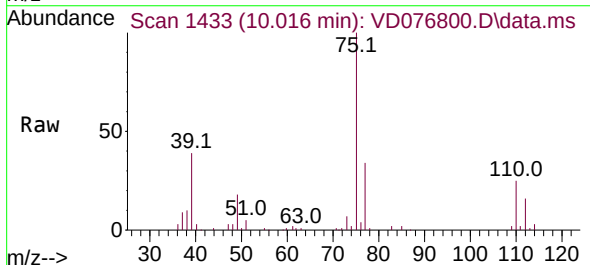
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

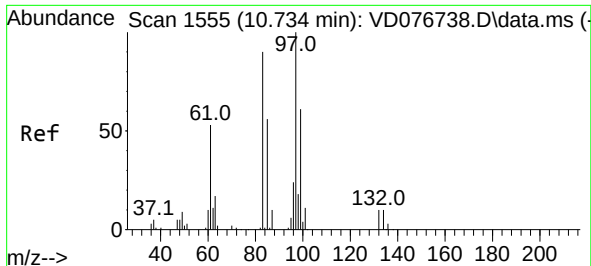
Tgt Ion: 75 Resp: 127763
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 53.180 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

Tgt Ion: 75 Resp: 148271
Ion Ratio Lower Upper
75 100
77 34.1 25.5 38.3
39 38.8 22.1 33.1#

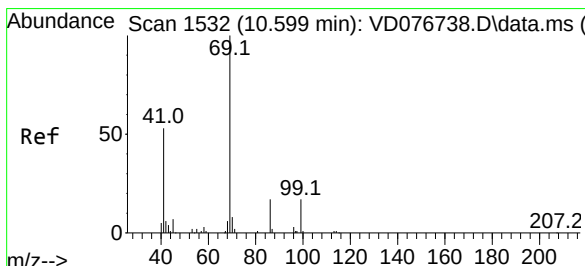
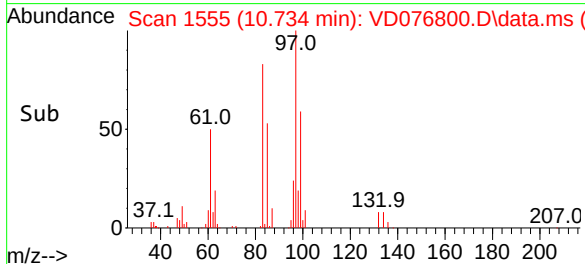
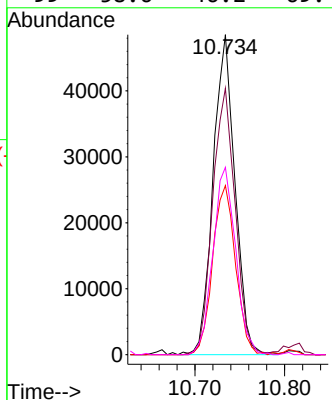
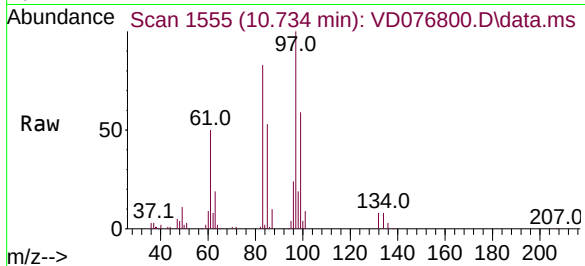




#55
1,1,2-Trichloroethane
Concen: 55.401 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

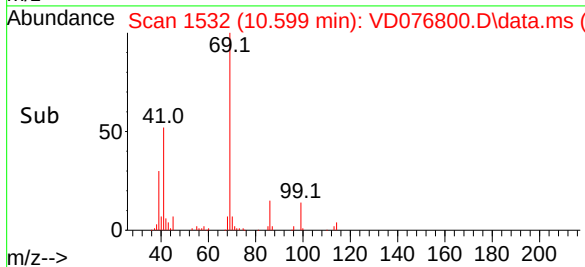
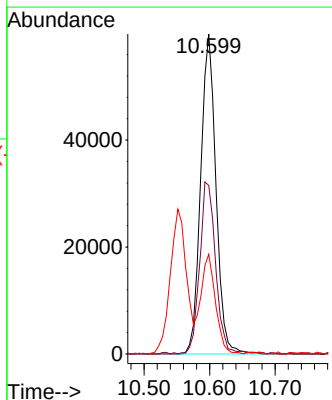
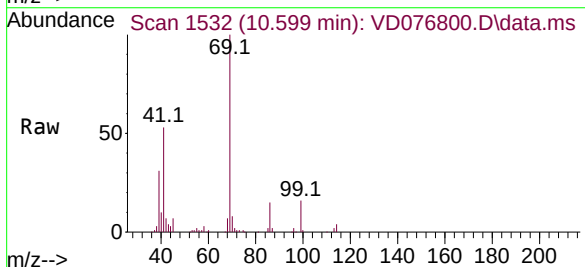
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

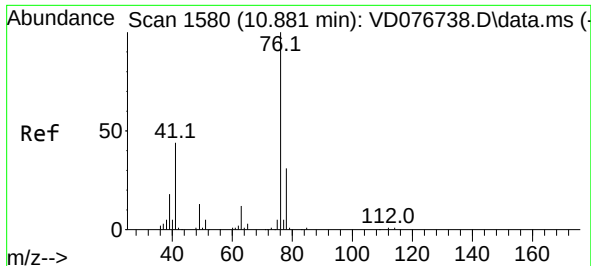
Tgt Ion:	97	Resp:	82167
Ion	Ratio	Lower	Upper
97	100		
83	83.2	65.8	98.6
85	52.9	45.7	68.5
99	58.6	46.2	69.4



#56
Ethyl methacrylate
Concen: 56.792 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

Tgt Ion:	69	Resp:	97217
Ion	Ratio	Lower	Upper
69	100		
41	56.3	39.1	58.7
39	30.3	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 54.178 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD076800.D

Acq: 19 Jul 2023 19:38

Instrument :

MSVOA_D

ClientSampleId :

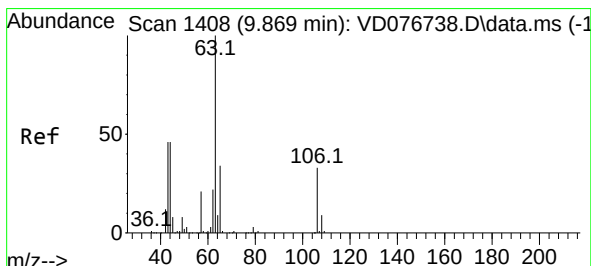
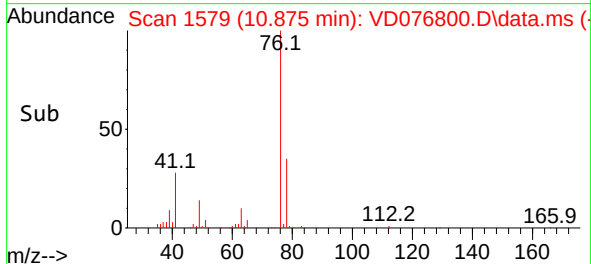
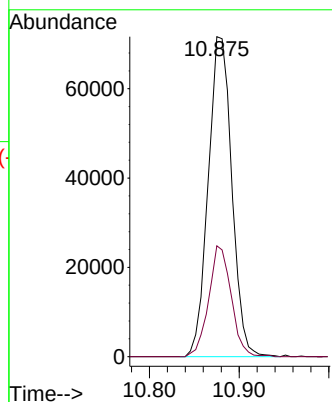
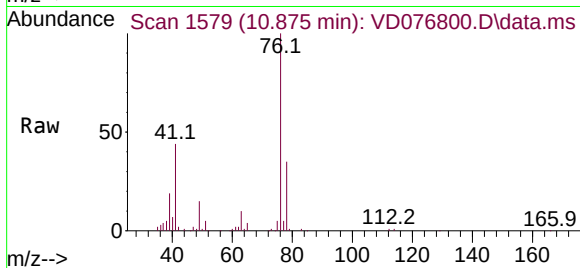
VSTDCCC050EC

Tgt Ion: 76 Resp: 130856

Ion Ratio Lower Upper

76 100

78 33.0 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 256.551 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076800.D

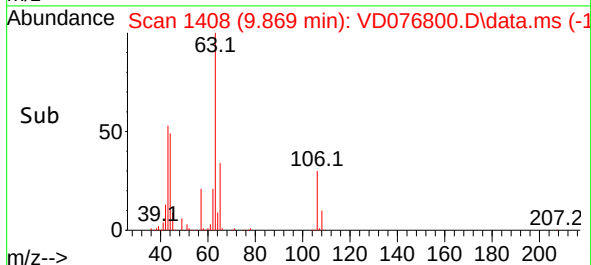
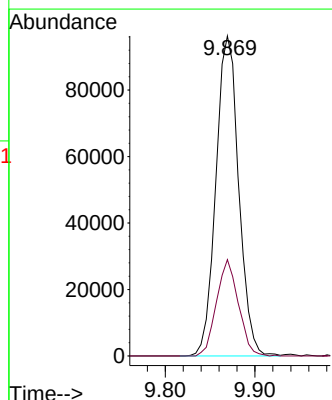
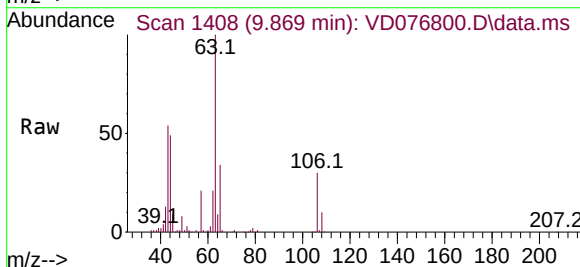
Acq: 19 Jul 2023 19:38

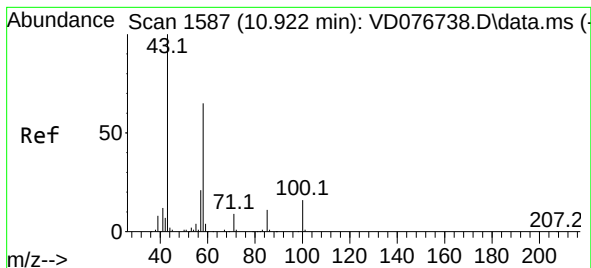
Tgt Ion: 63 Resp: 169992

Ion Ratio Lower Upper

63 100

106 28.9 25.3 37.9

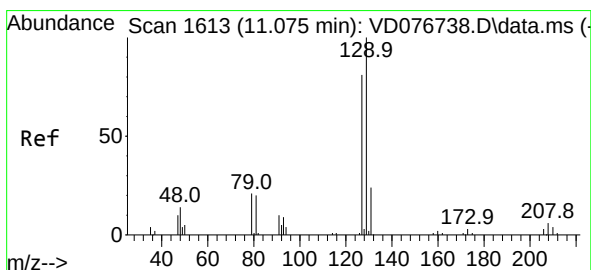
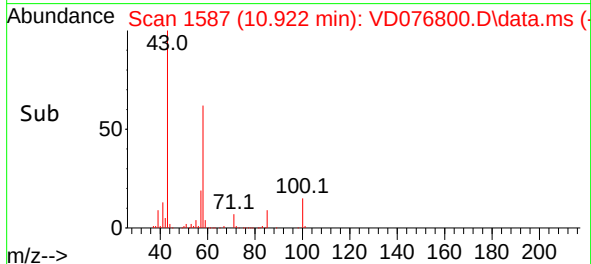
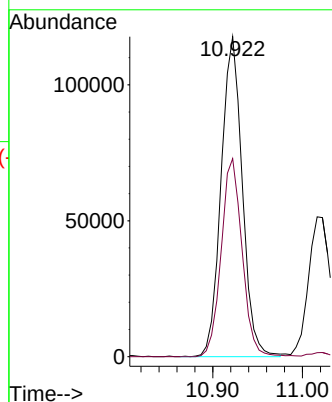
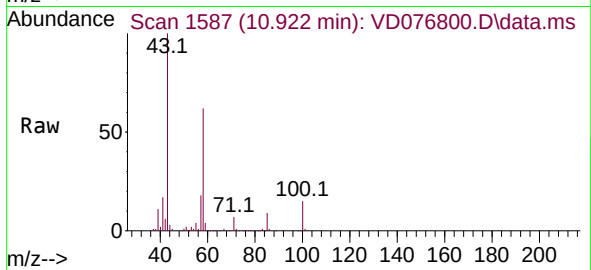




#59
2-Hexanone
Concen: 272.742 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

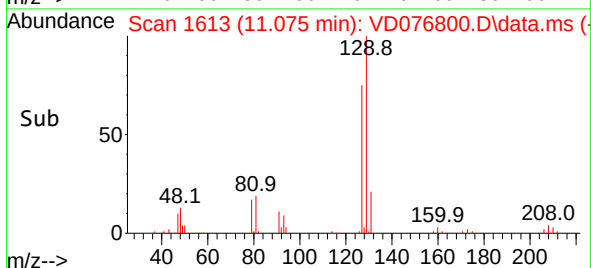
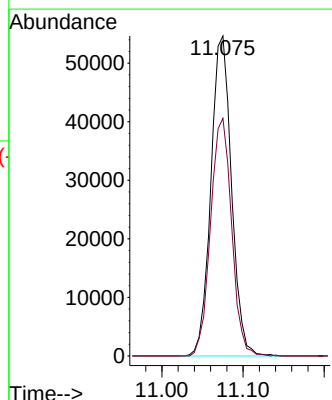
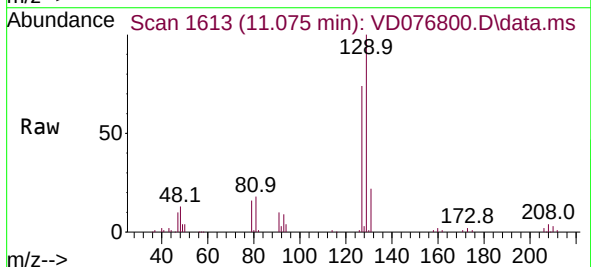
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

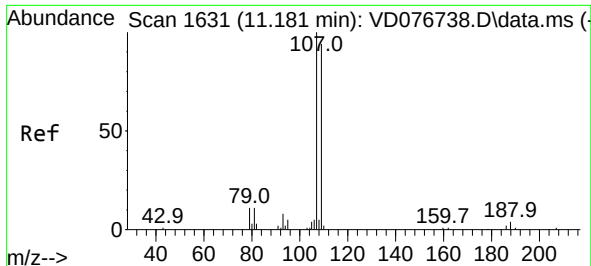
Tgt Ion: 43 Resp: 192662
Ion Ratio Lower Upper
43 100
58 61.2 34.1 102.2



#60
Dibromochloromethane
Concen: 55.895 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

Tgt Ion:129 Resp: 96304
Ion Ratio Lower Upper
129 100
127 75.7 37.1 111.5

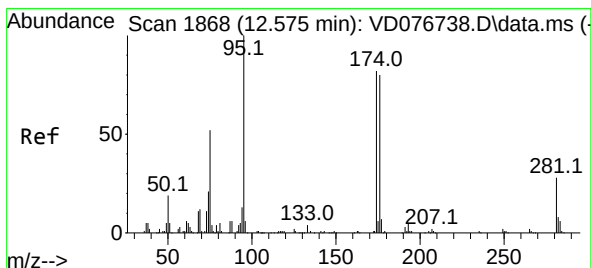
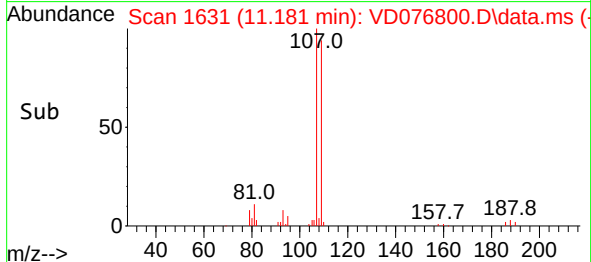
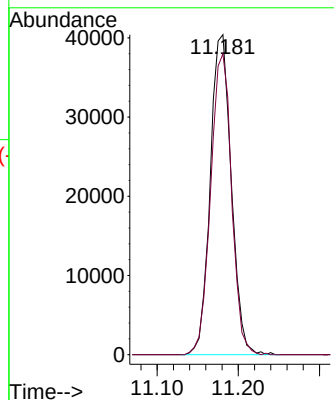
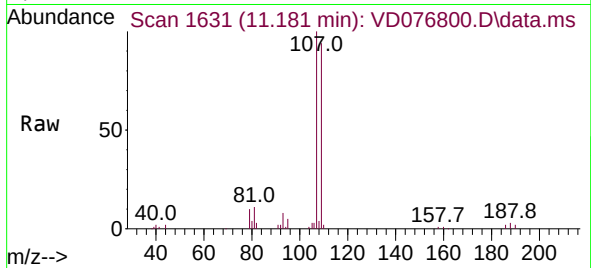




#61
1,2-Dibromoethane
Concen: 52.901 ug/l
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

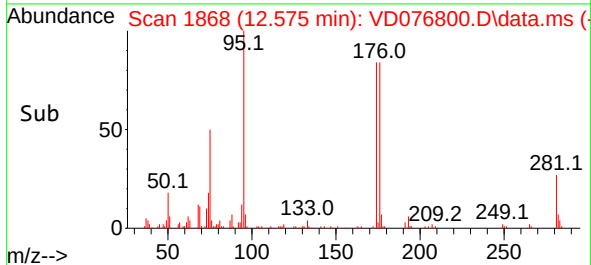
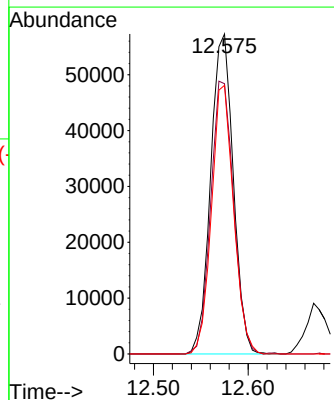
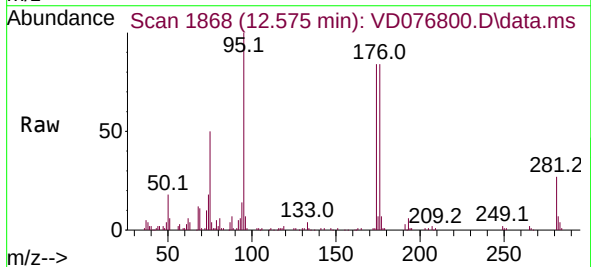
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

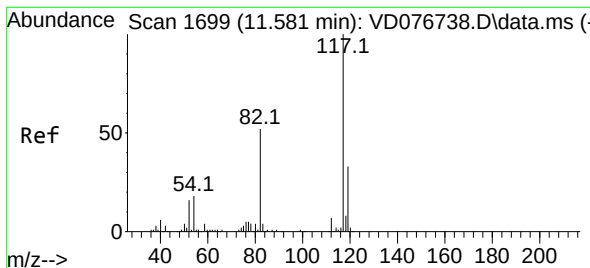
Tgt Ion:107 Resp: 72740
Ion Ratio Lower Upper
107 100
109 93.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.434 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

Tgt Ion: 95 Resp: 95156
Ion Ratio Lower Upper
95 100
174 86.4 0.0 201.8
176 81.8 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076800.D

Acq: 19 Jul 2023 19:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

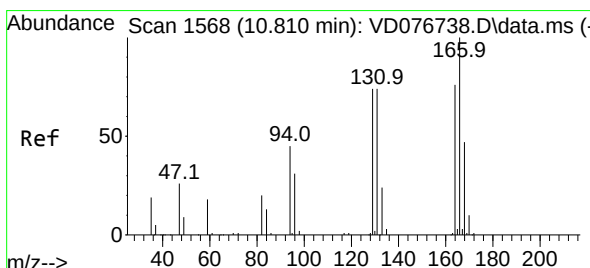
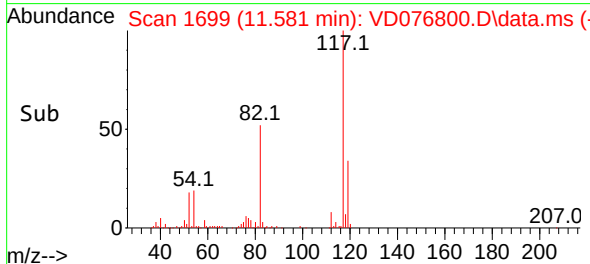
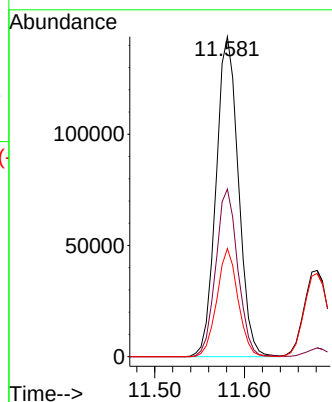
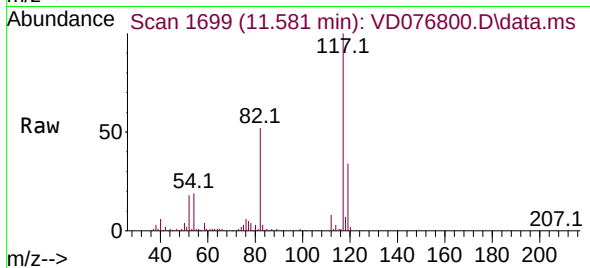
Tgt Ion:117 Resp: 248989

Ion Ratio Lower Upper

117 100

82 52.4 38.3 57.5

119 33.8 25.0 37.4



#64

Tetrachloroethene

Concen: 53.334 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD076800.D

Acq: 19 Jul 2023 19:38

Tgt Ion:164 Resp: 75722

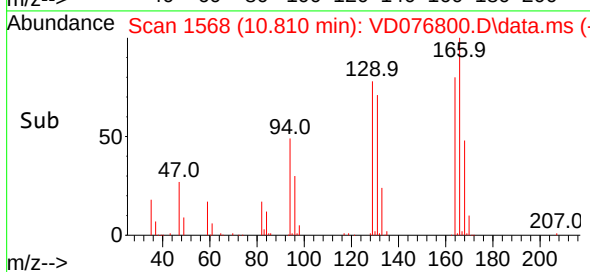
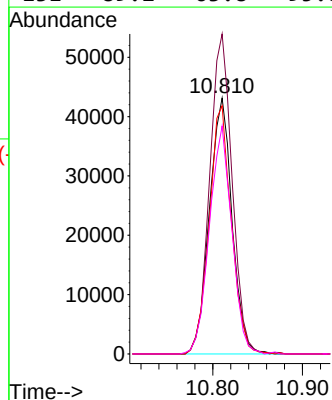
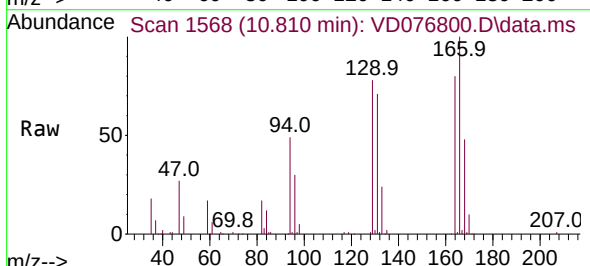
Ion Ratio Lower Upper

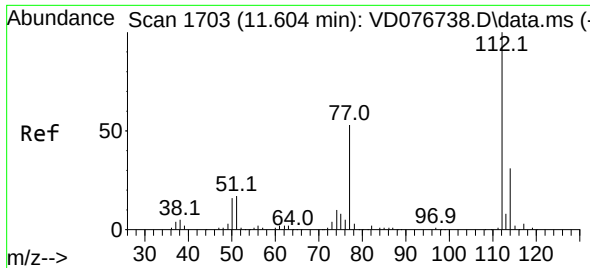
164 100

166 125.1 99.2 148.8

129 97.0 68.4 102.6

131 89.2 63.8 95.8

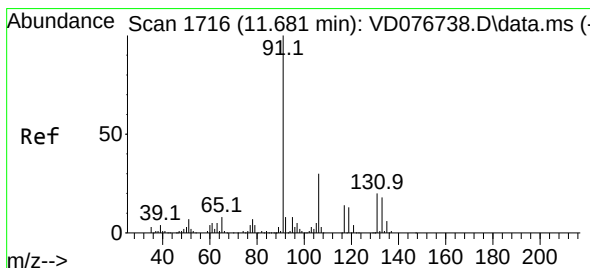
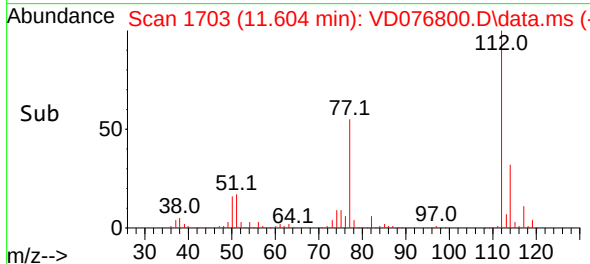
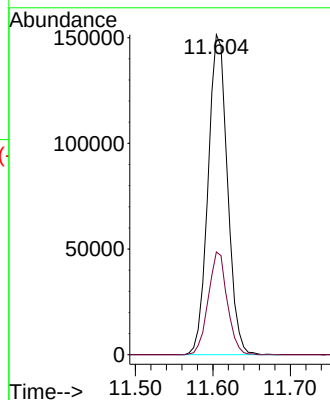
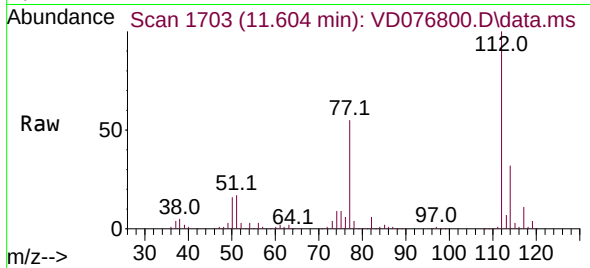




#65
Chlorobenzene
Concen: 52.536 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

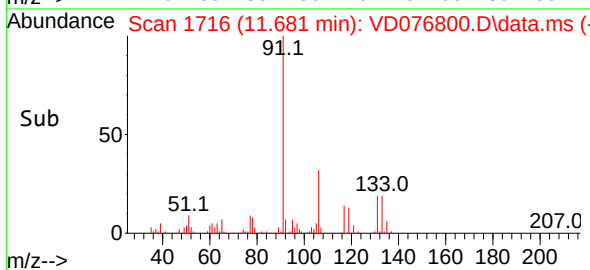
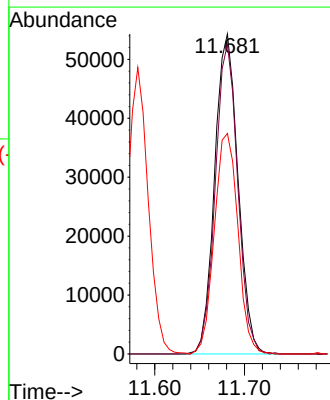
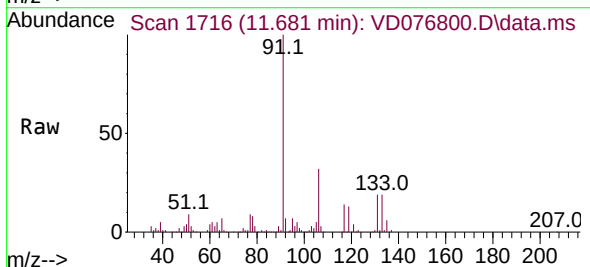
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

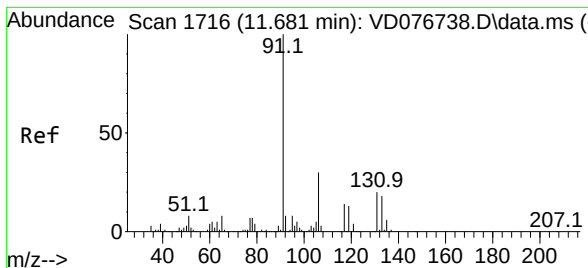
Tgt Ion:112 Resp: 263085
Ion Ratio Lower Upper
112 100
114 32.1 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 52.553 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

Tgt Ion:131 Resp: 97980
Ion Ratio Lower Upper
131 100
133 93.2 48.5 145.5
119 69.7 35.6 106.9





#67

Ethyl Benzene

Concen: 52.896 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD076800.D

Acq: 19 Jul 2023 19:38

Instrument :

MSVOA_D

ClientSampleId :

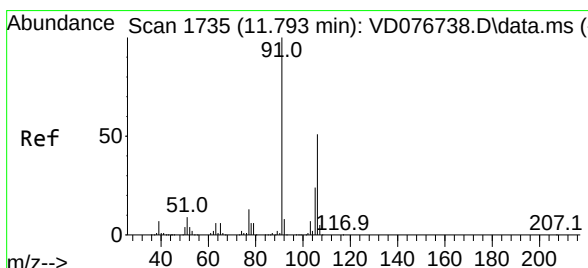
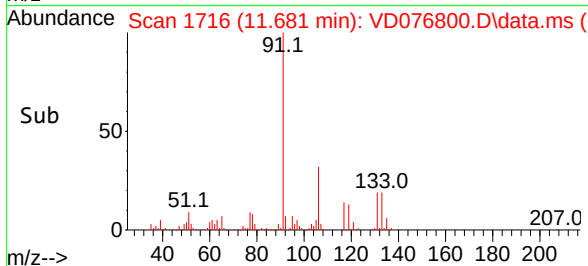
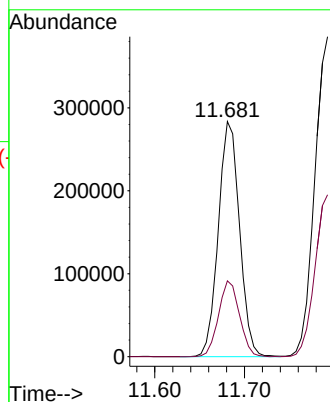
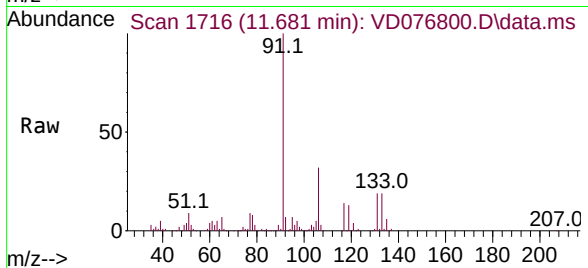
VSTDCCC050EC

Tgt Ion: 91 Resp: 465195

Ion Ratio Lower Upper

91 100

106 32.3 26.5 39.7



#68

m/p-Xylenes

Concen: 107.341 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD076800.D

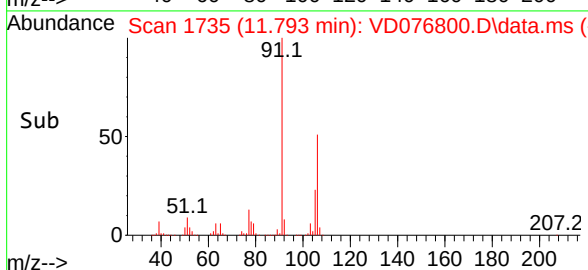
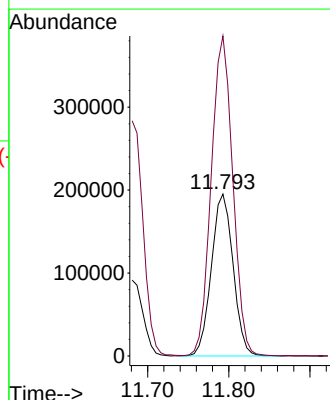
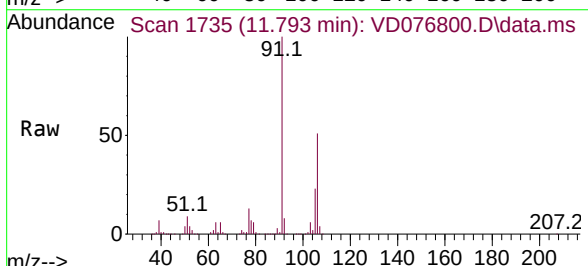
Acq: 19 Jul 2023 19:38

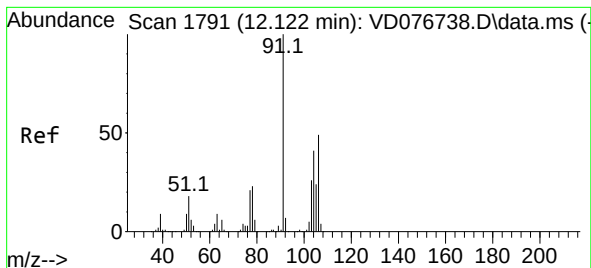
Tgt Ion: 106 Resp: 362554

Ion Ratio Lower Upper

106 100

91 196.3 147.0 220.6





#69

o-Xylene

Concen: 51.701 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD076800.D

Acq: 19 Jul 2023 19:38

Instrument :

MSVOA_D

ClientSampleId :

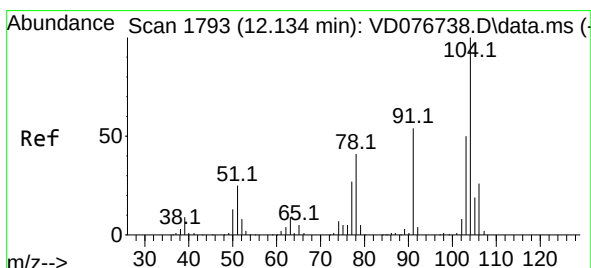
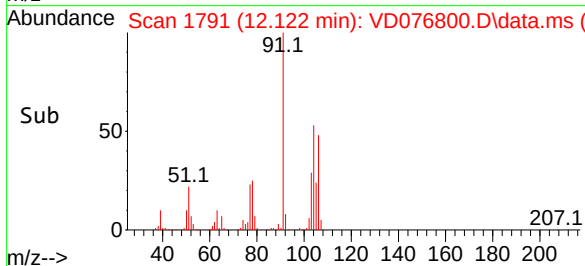
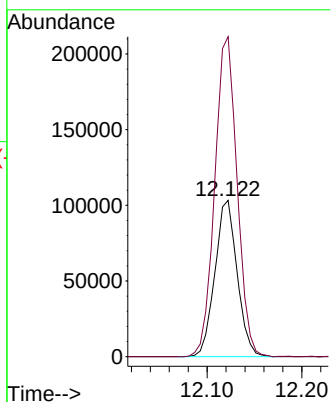
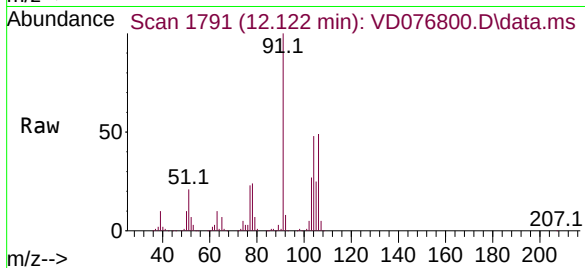
VSTDCCC050EC

Tgt Ion:106 Resp: 168867

Ion Ratio Lower Upper

106 100

91 205.4 97.9 293.6



#70

Styrene

Concen: 53.173 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD076800.D

Acq: 19 Jul 2023 19:38

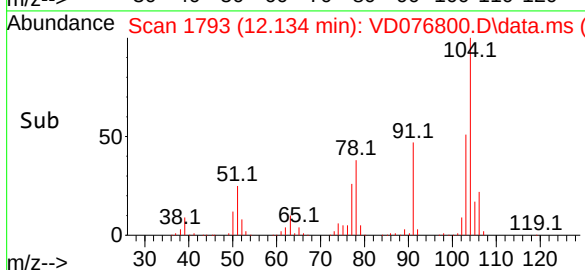
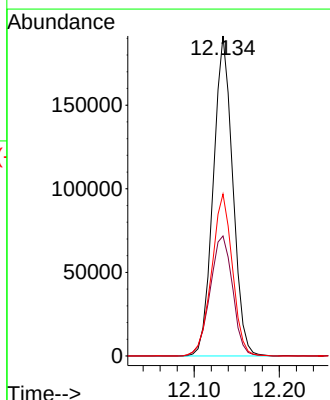
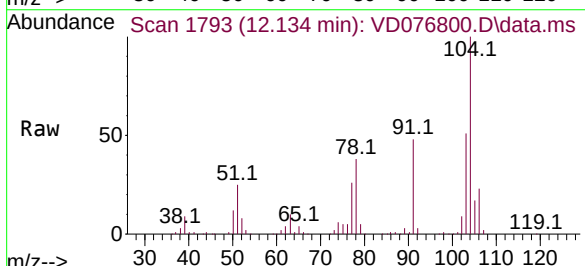
Tgt Ion:104 Resp: 304026

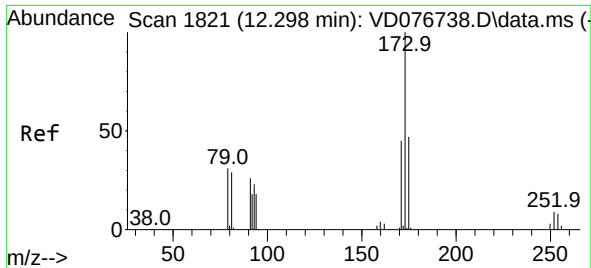
Ion Ratio Lower Upper

104 100

78 43.3 33.2 49.8

103 53.8 43.6 65.4

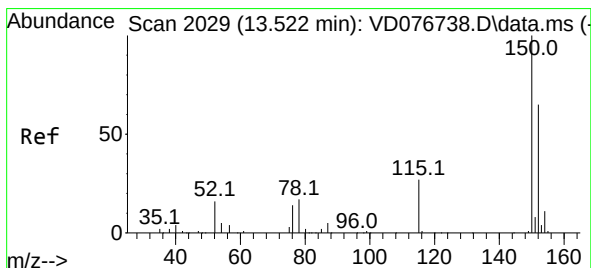
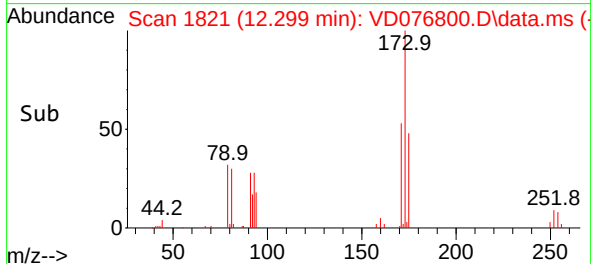
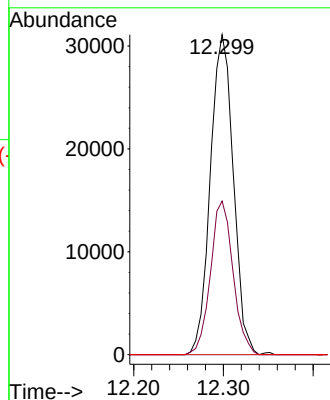
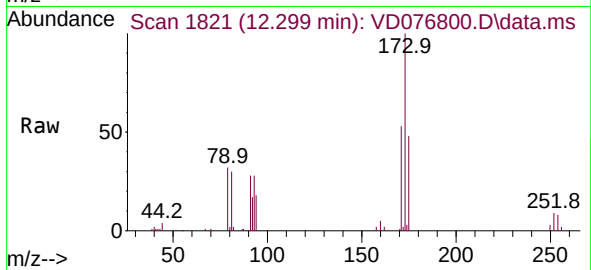




#71
Bromoform
Concen: 54.251 ug/l
RT: 12.299 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

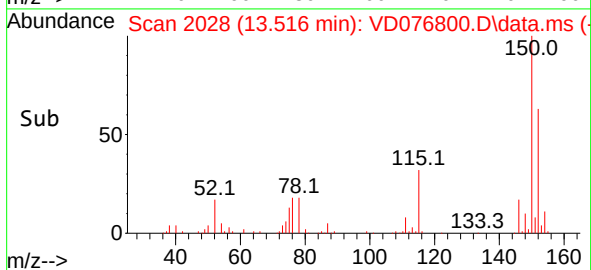
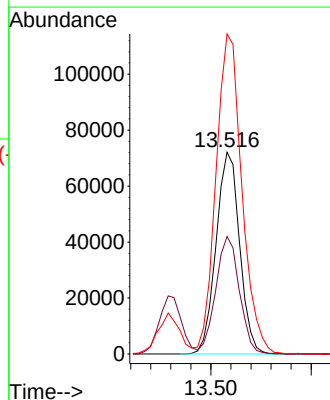
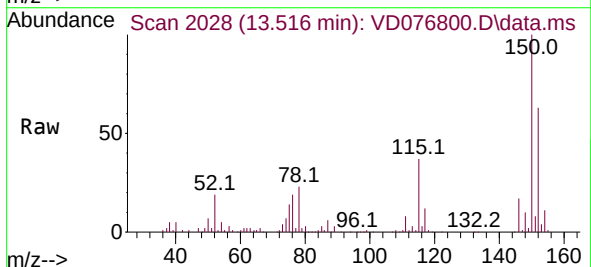
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

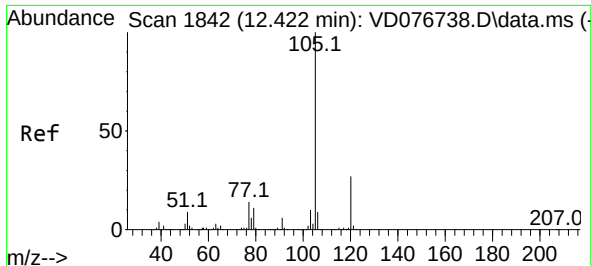
Tgt Ion:173 Resp: 55396
Ion Ratio Lower Upper
173 100
175 47.1 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

Tgt Ion:152 Resp: 117233
Ion Ratio Lower Upper
152 100
115 58.5 27.1 81.3
150 175.4 0.0 353.6

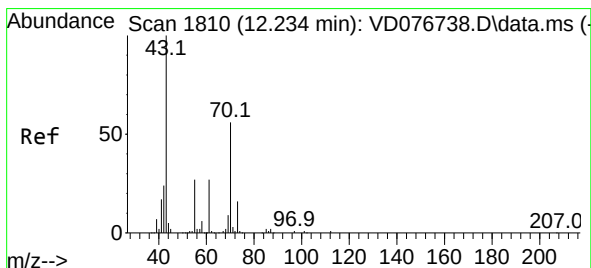
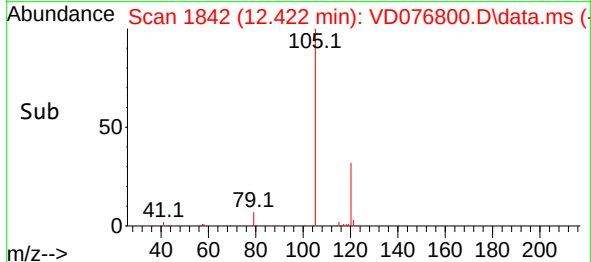
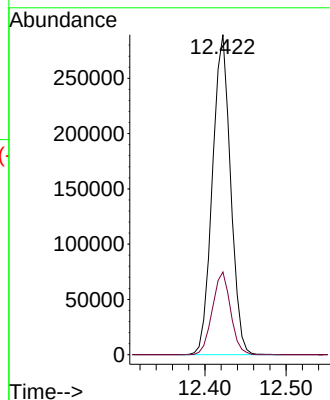
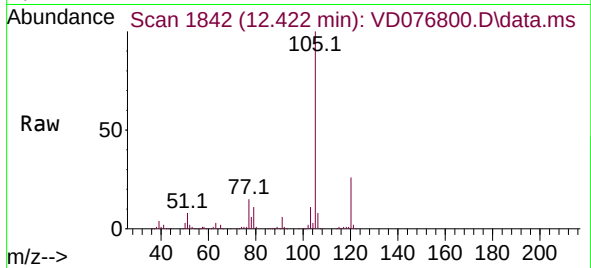




#73
Isopropylbenzene
Concen: 52.891 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

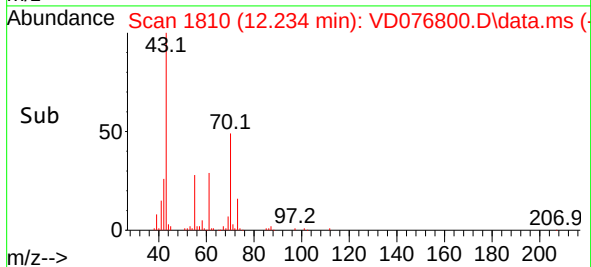
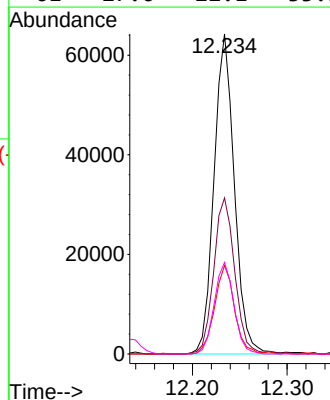
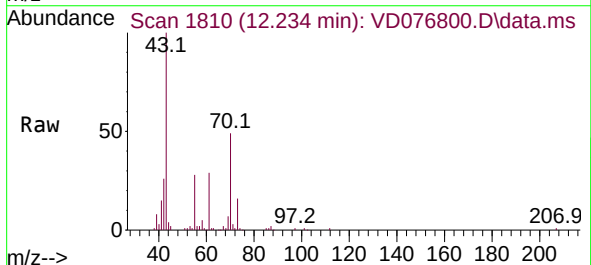
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

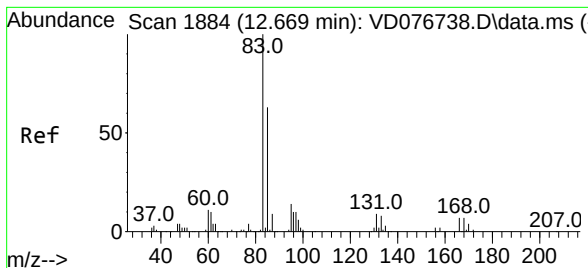
Tgt Ion:105 Resp: 449864
Ion Ratio Lower Upper
105 100
120 25.8 14.3 42.9



#74
N-ethyl acetate
Concen: 53.630 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

Tgt Ion: 43 Resp: 96098
Ion Ratio Lower Upper
43 100
70 50.6 45.0 67.4
55 27.4 23.8 35.6
61 27.6 22.1 33.1

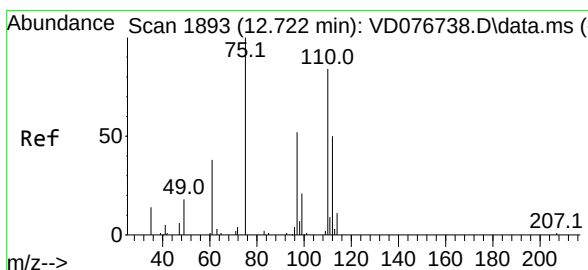
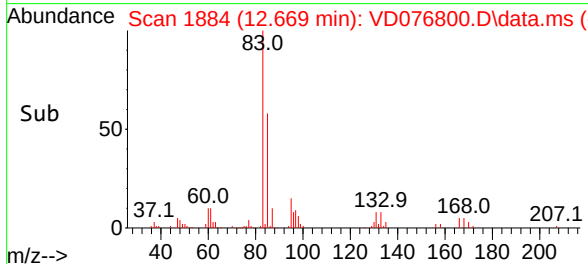
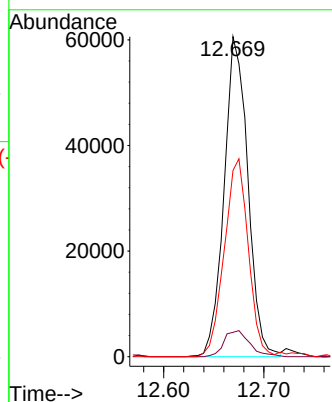
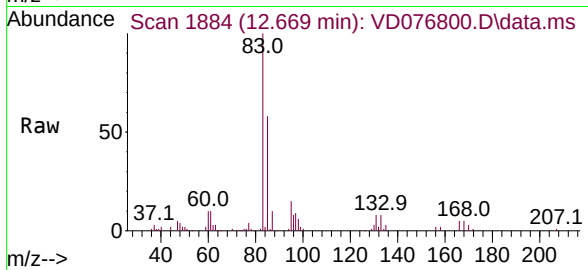




#75
 1,1,2,2-Tetrachloroethane
 Concen: 54.577 ug/l
 RT: 12.669 min Scan# 1884
 Delta R.T. 0.000 min
 Lab File: VD076800.D
 Acq: 19 Jul 2023 19:38

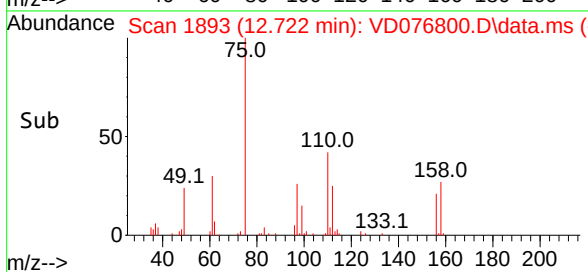
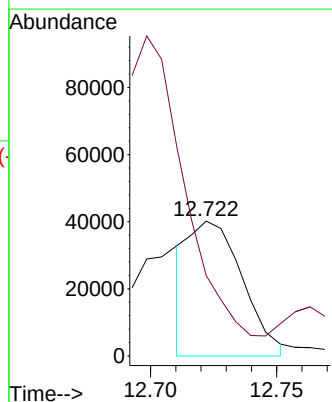
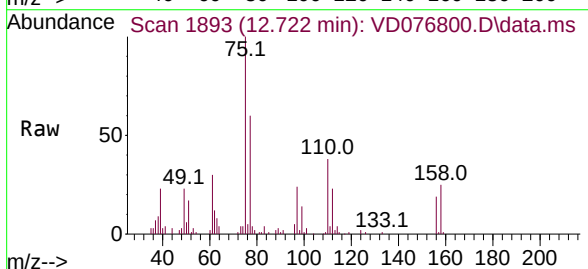
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

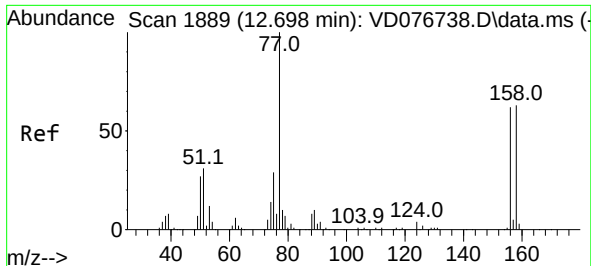
Tgt Ion: 83 Resp: 99669
 Ion Ratio Lower Upper
 83 100
 131 8.9 5.1 15.3
 85 62.4 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 53.825 ug/l m
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VD076800.D
 Acq: 19 Jul 2023 19:38

Tgt Ion: 75 Resp: 60008
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

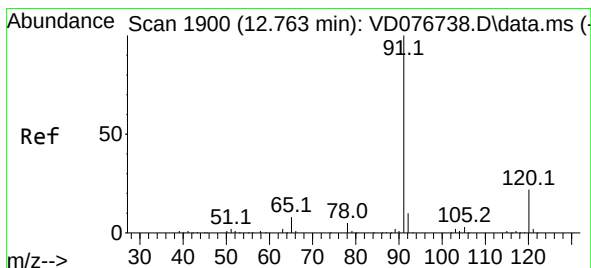
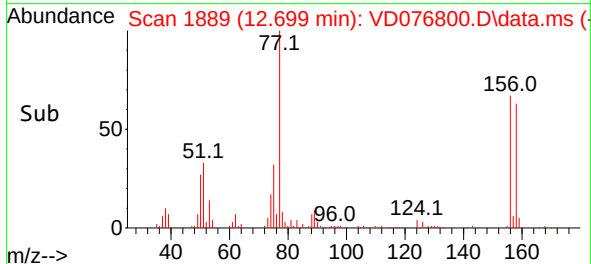
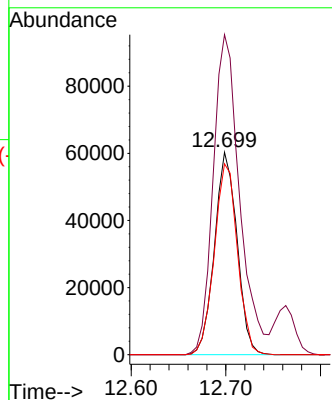
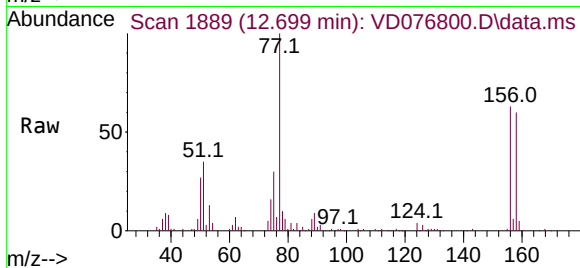




#77
Bromobenzene
Concen: 50.809 ug/l
RT: 12.699 min Scan# 1889
Delta R.T. 0.001 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

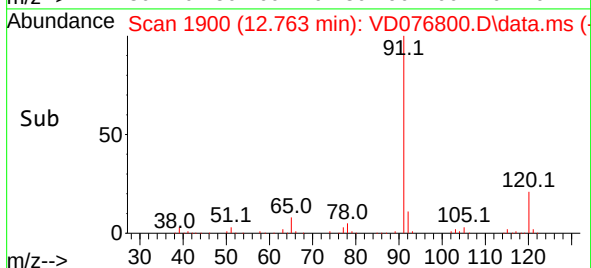
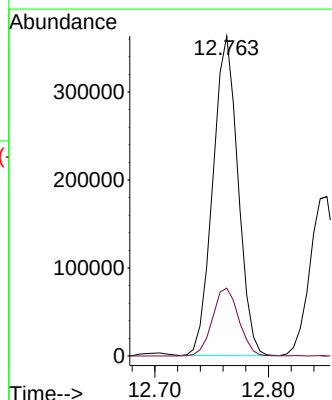
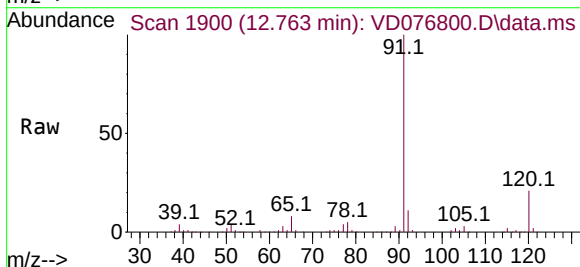
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

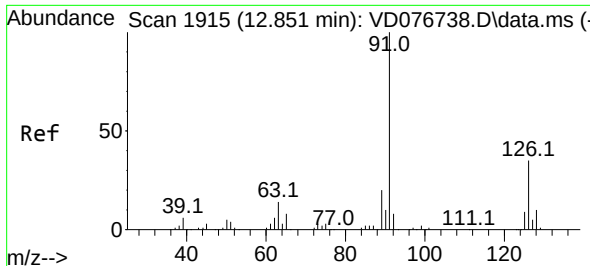
Tgt Ion:156 Resp: 99752
Ion Ratio Lower Upper
156 100
77 185.5 76.8 230.4
158 96.8 48.6 145.9



#78
n-propylbenzene
Concen: 54.110 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

Tgt Ion: 91 Resp: 557952
Ion Ratio Lower Upper
91 100
120 22.2 12.4 37.2

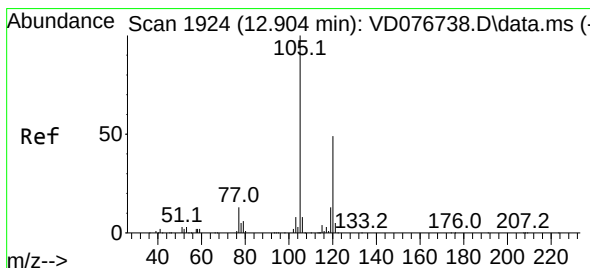
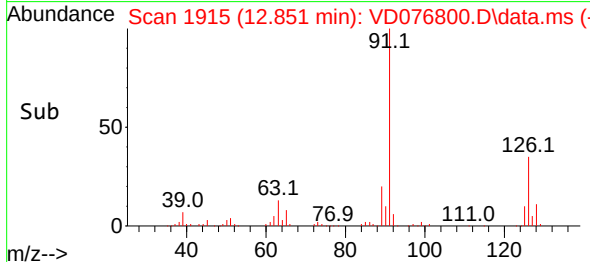
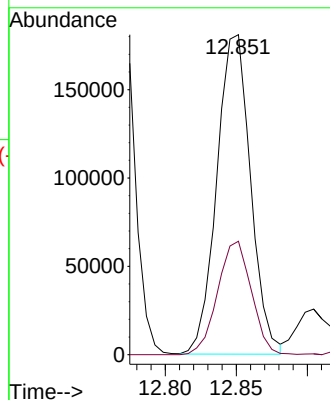
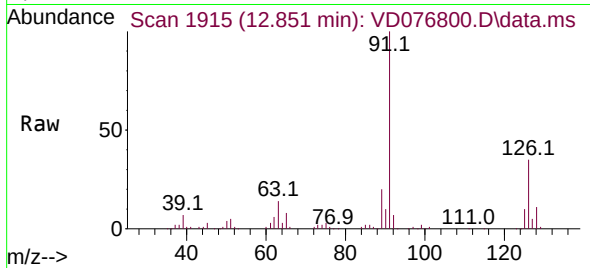




#79
2-Chlorotoluene
Concen: 52.890 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

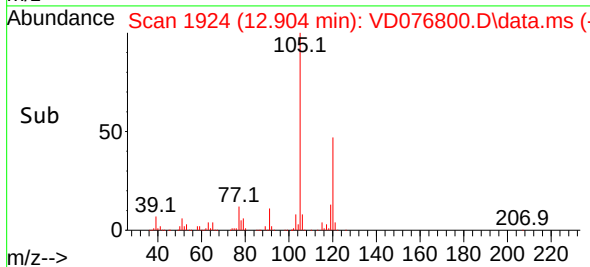
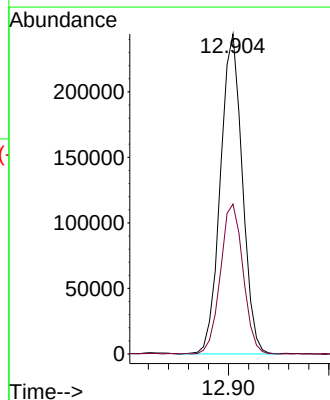
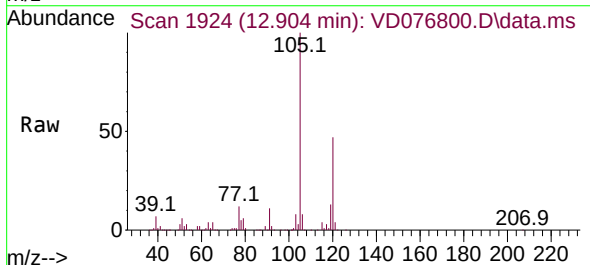
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

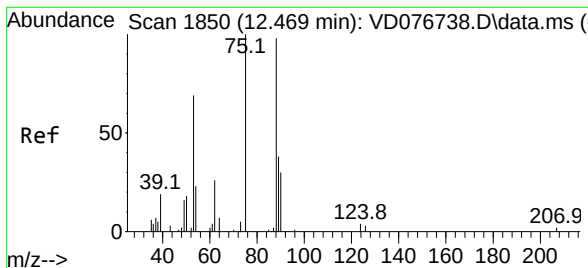
Tgt Ion: 91 Resp: 299028
Ion Ratio Lower Upper
91 100
126 35.5 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 53.879 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

Tgt Ion: 105 Resp: 370553
Ion Ratio Lower Upper
105 100
120 48.3 26.4 79.2

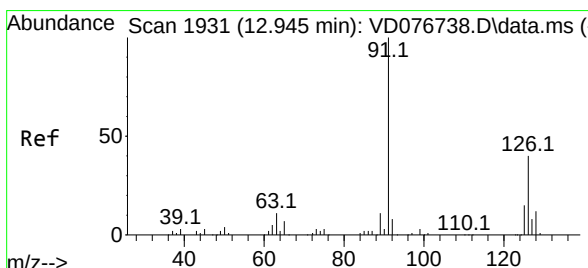
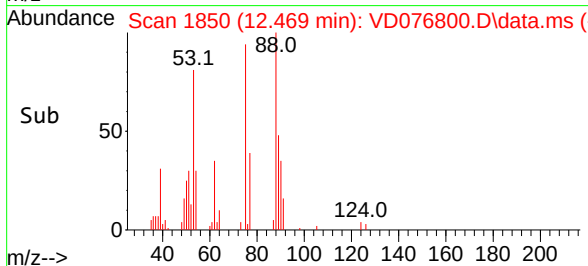
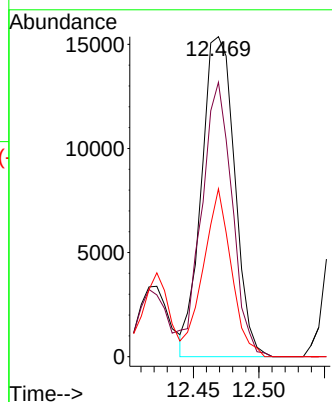
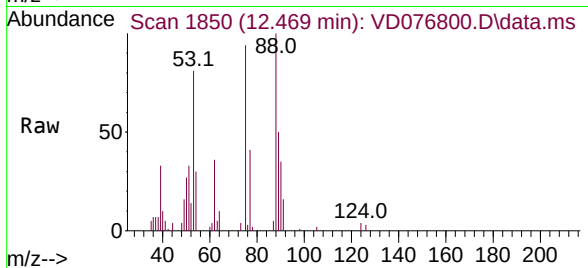




#81
trans-1,4-Dichloro-2-butene
Concen: 51.523 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

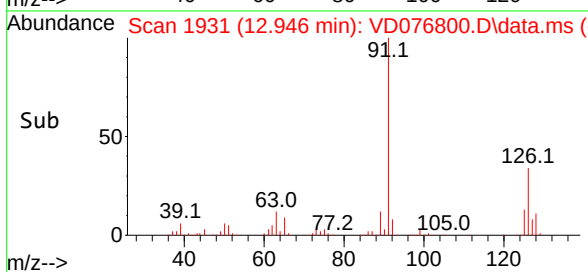
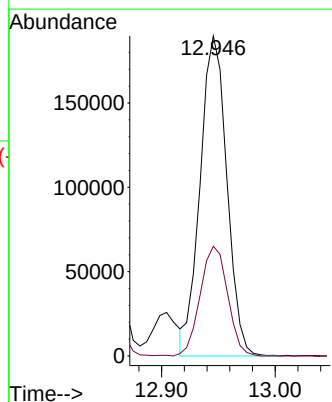
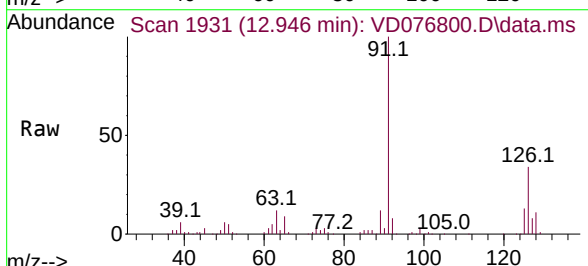
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

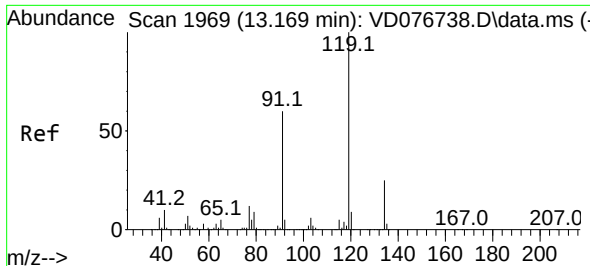
Tgt Ion:	75	Resp:	26990
Ion	Ratio	Lower	Upper
75	100		
53	79.9	63.0	94.4
89	44.6	37.9	56.9



#82
4-Chlorotoluene
Concen: 52.559 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.001 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

Tgt Ion:	91	Resp:	310437
Ion	Ratio	Lower	Upper
91	100		
126	35.1	19.4	58.4

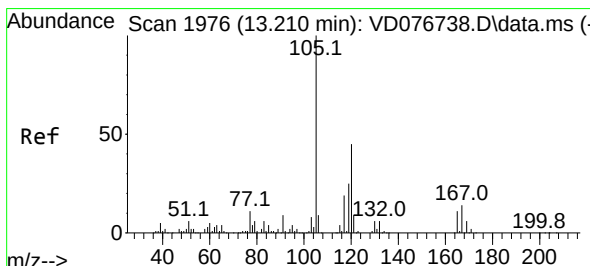
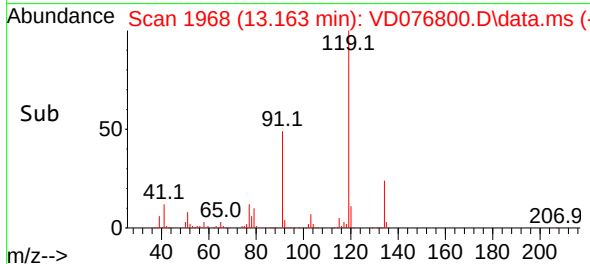
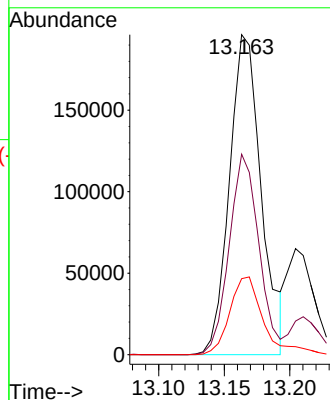
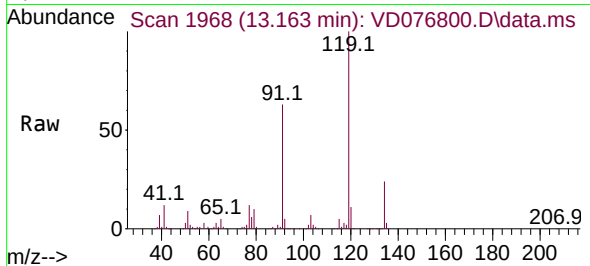




#83
tert-Butylbenzene
Concen: 54.784 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

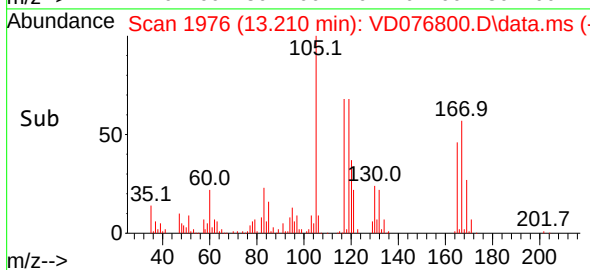
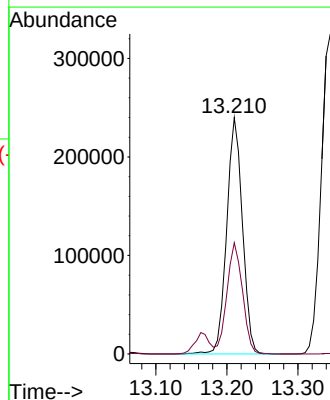
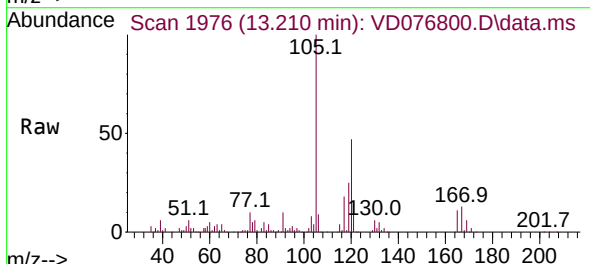
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

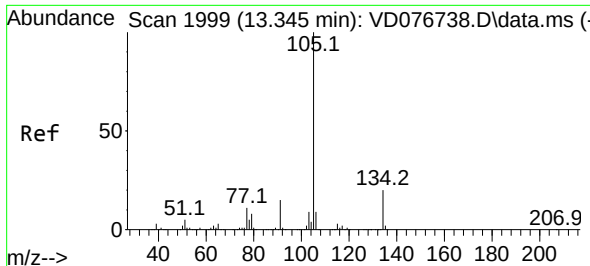
Tgt Ion:119	Resp: 331746
Ion Ratio	Lower Upper
119 100	
91 58.5	29.3 87.8
134 25.7	14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 52.475 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076800.D
Acq: 19 Jul 2023 19:38

Tgt	Ion:105	Resp:	368795
Ion	Ratio	Lower	Upper
105	100		
120	46.6	24.3	72.9

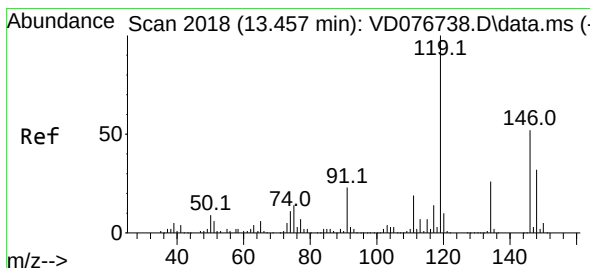
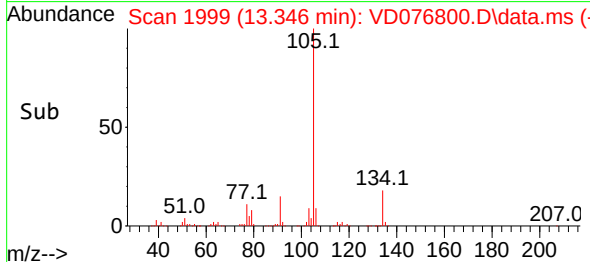
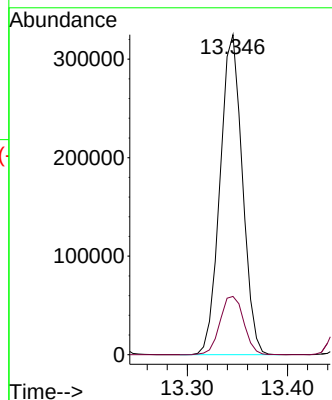
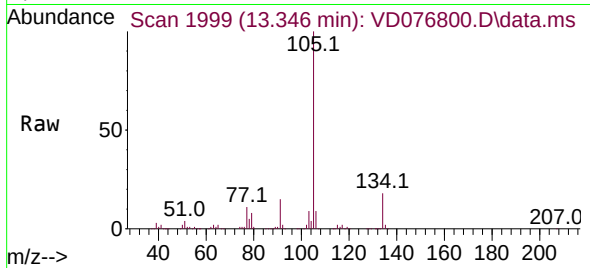




#85
 sec-Butylbenzene
 Concen: 54.296 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.001 min
 Lab File: VD076800.D
 Acq: 19 Jul 2023 19:38

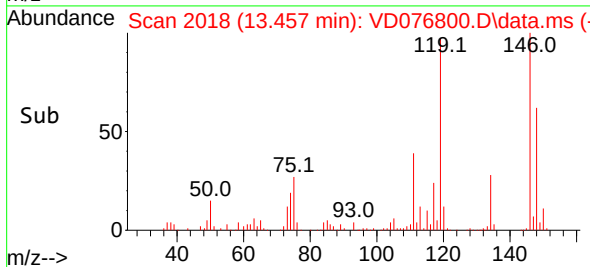
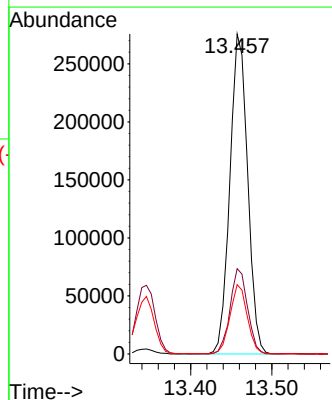
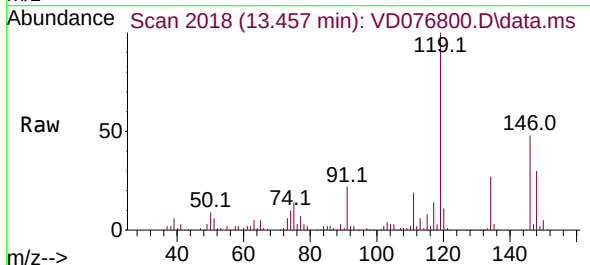
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

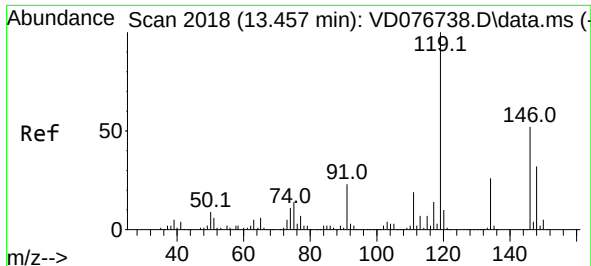
Tgt Ion:105 Resp: 502339
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 54.850 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD076800.D
 Acq: 19 Jul 2023 19:38

Tgt Ion:119 Resp: 419093
 Ion Ratio Lower Upper
 119 100
 134 26.1 14.2 42.6
 91 21.0 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 52.640 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD076800.D

Acq: 19 Jul 2023 19:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

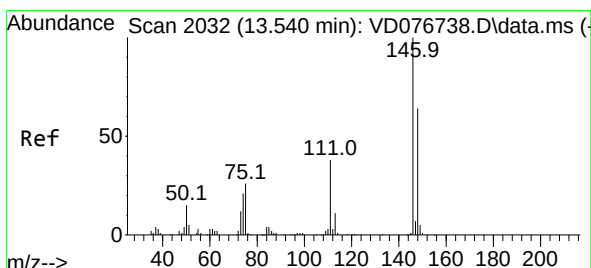
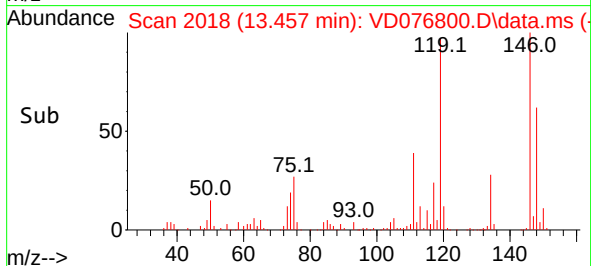
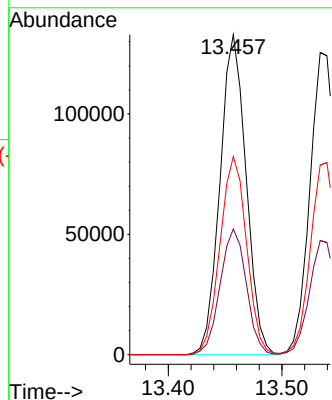
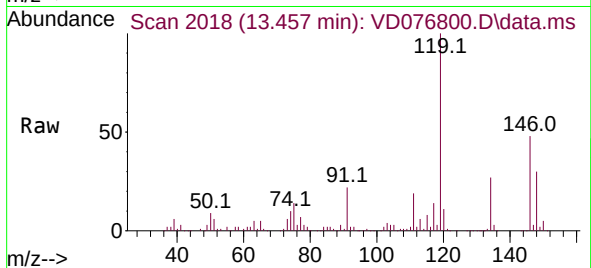
Tgt Ion:146 Resp: 212566

Ion Ratio Lower Upper

146 100

111 39.4 17.9 53.8

148 63.0 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 52.714 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VD076800.D

Acq: 19 Jul 2023 19:38

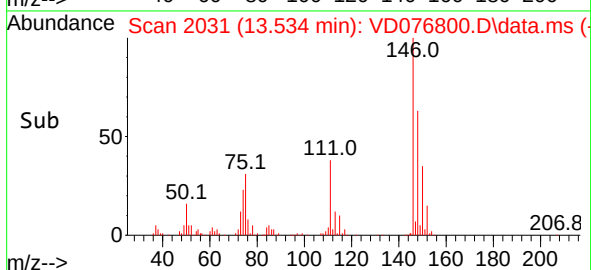
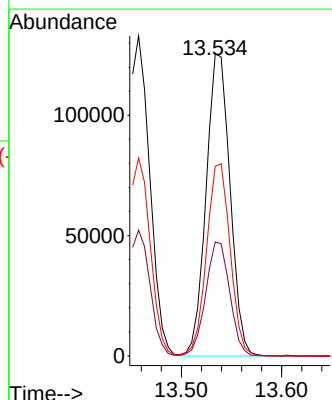
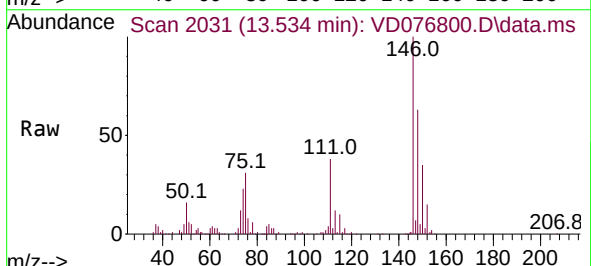
Tgt Ion:146 Resp: 208555

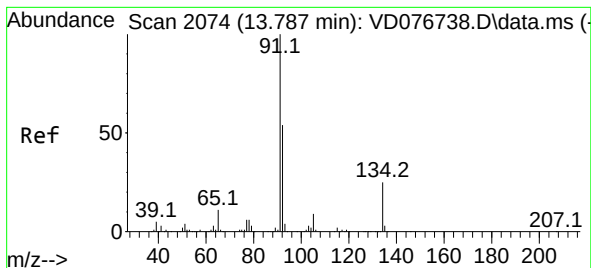
Ion Ratio Lower Upper

146 100

111 37.8 17.4 52.3

148 62.8 31.7 95.1





#89

n-Butylbenzene

Concen: 53.538 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD076800.D

Acq: 19 Jul 2023 19:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

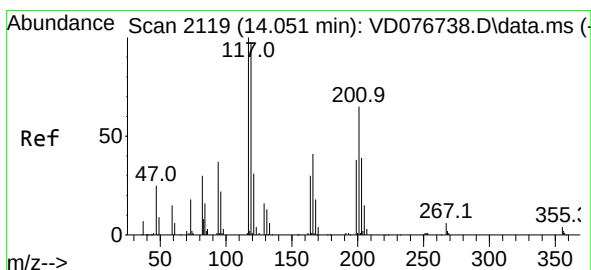
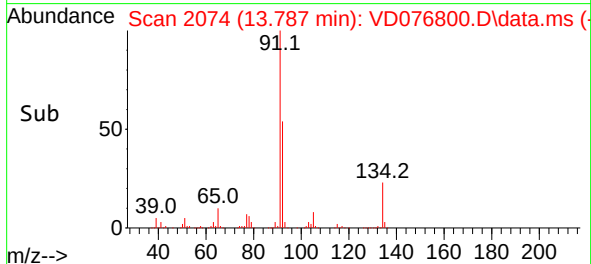
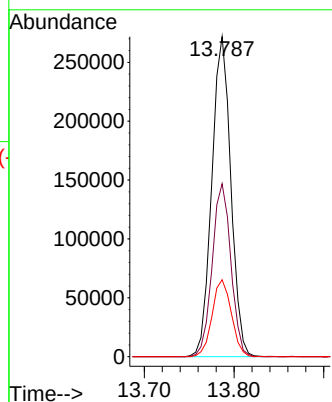
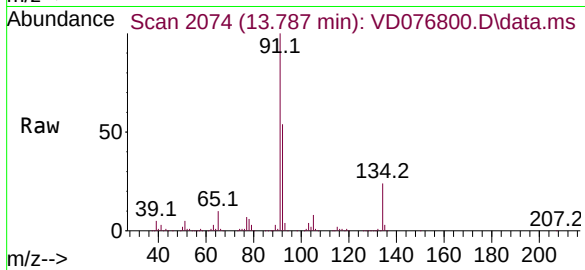
Tgt Ion: 91 Resp: 400291

Ion Ratio Lower Upper

91 100

92 53.1 26.5 79.5

134 24.3 13.8 41.3



#90

Hexachloroethane

Concen: 59.051 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD076800.D

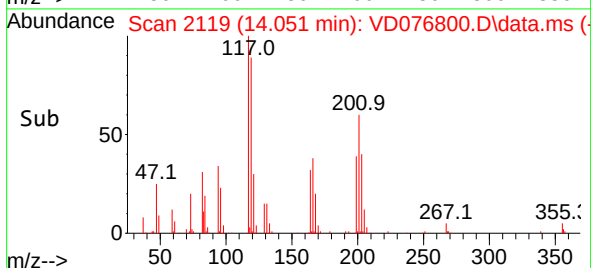
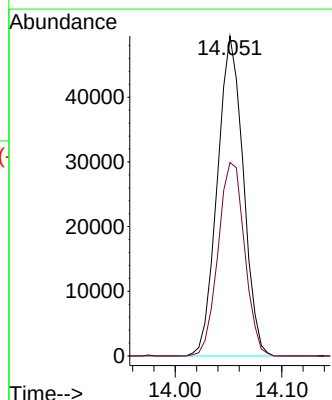
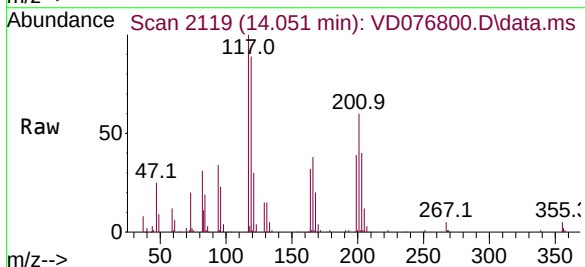
Acq: 19 Jul 2023 19:38

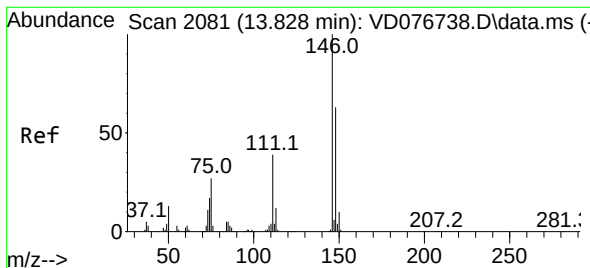
Tgt Ion: 117 Resp: 83416

Ion Ratio Lower Upper

117 100

201 61.9 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 52.593 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD076800.D

Acq: 19 Jul 2023 19:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

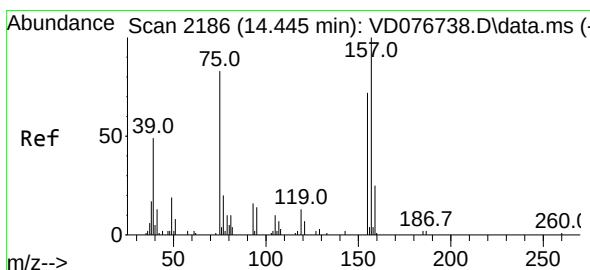
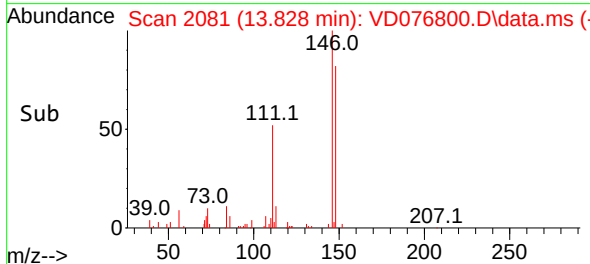
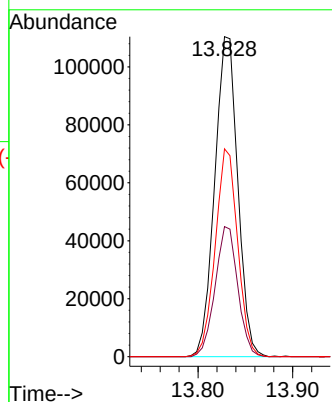
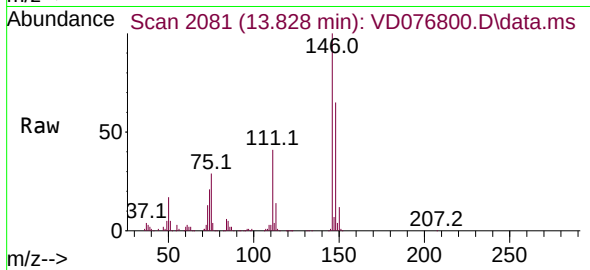
Tgt Ion:146 Resp: 187139

Ion Ratio Lower Upper

146 100

111 39.9 18.3 54.8

148 63.1 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.091 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD076800.D

Acq: 19 Jul 2023 19:38

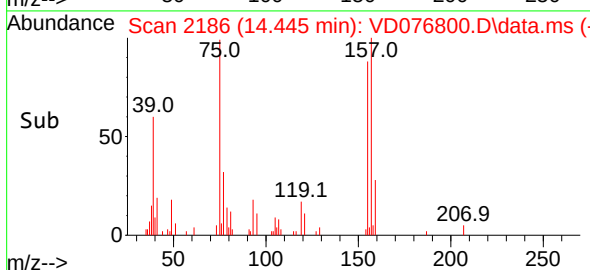
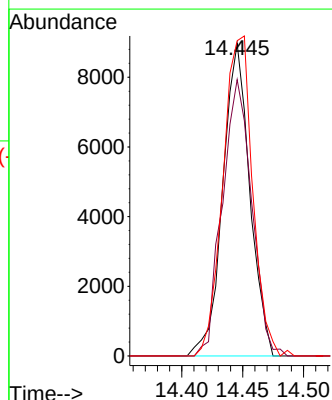
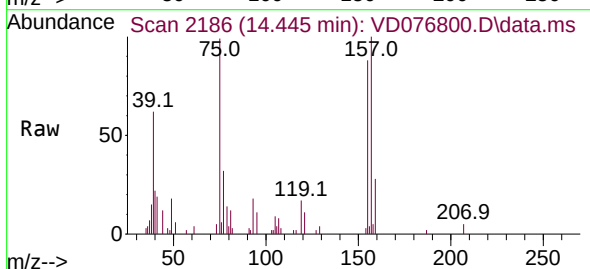
Tgt Ion: 75 Resp: 13824

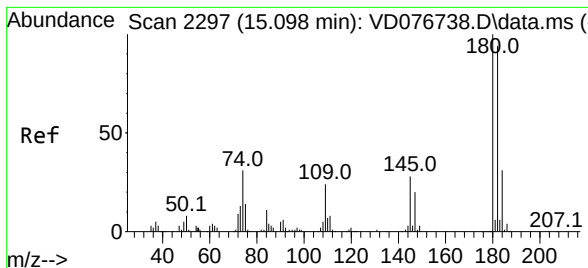
Ion Ratio Lower Upper

75 100

155 96.5 47.9 143.8

157 112.7 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 51.166 ug/l

RT: 15.098 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VD076800.D

Acq: 19 Jul 2023 19:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

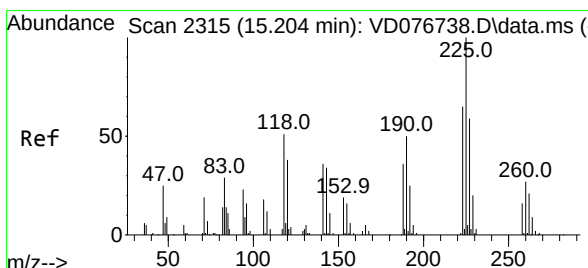
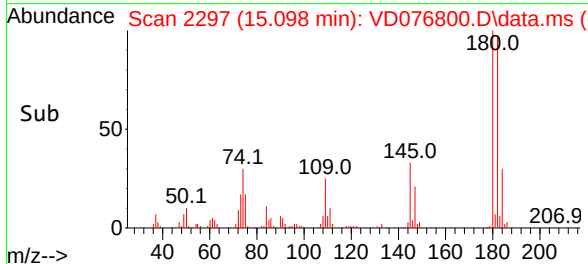
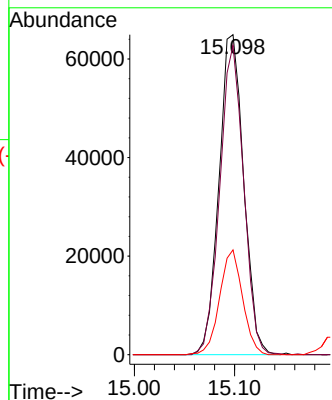
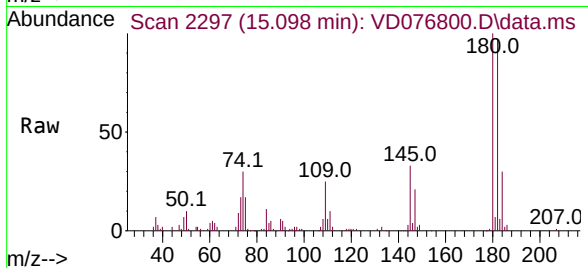
Tgt Ion:180 Resp: 111149

Ion Ratio Lower Upper

180 100

182 93.3 48.5 145.6

145 30.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 51.285 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.006 min

Lab File: VD076800.D

Acq: 19 Jul 2023 19:38

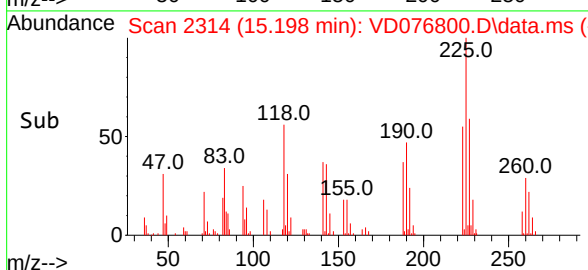
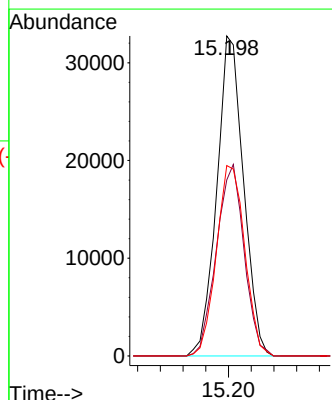
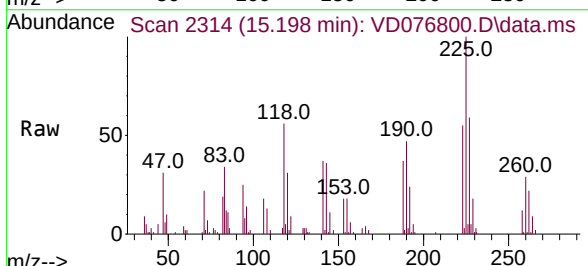
Tgt Ion:225 Resp: 53581

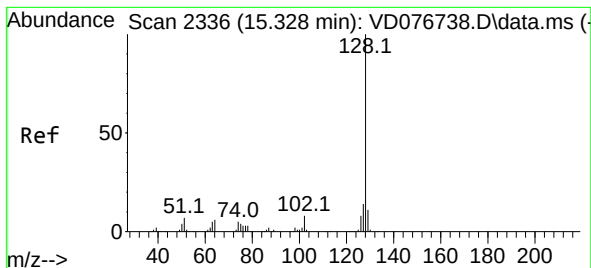
Ion Ratio Lower Upper

225 100

223 62.0 31.6 94.8

227 62.9 31.7 95.1





#95

Naphthalene

Concen: 51.425 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VD076800.D

Acq: 19 Jul 2023 19:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

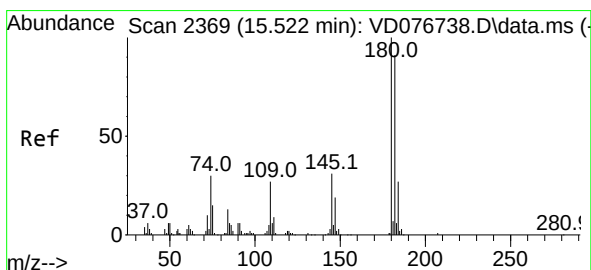
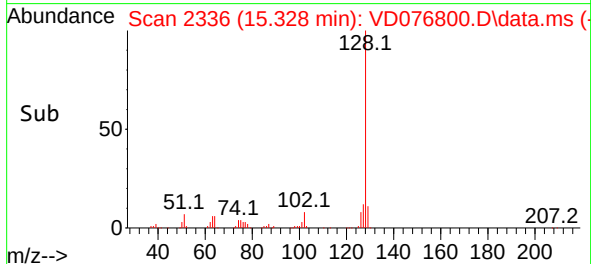
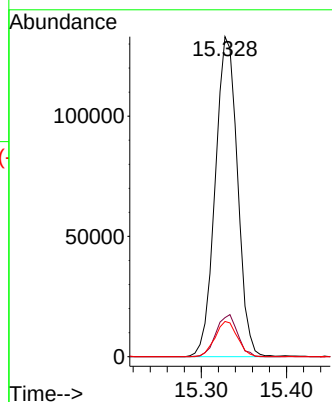
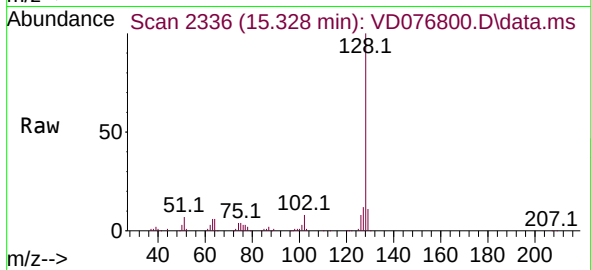
Tgt Ion:128 Resp: 241884

Ion Ratio Lower Upper

128 100

127 12.2 10.5 15.7

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 50.106 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD076800.D

Acq: 19 Jul 2023 19:38

Tgt Ion:180 Resp: 97678

Ion Ratio Lower Upper

180 100

182 95.7 47.3 141.9

145 33.0 15.1 45.3

